

40 Years

Gücünüzü Aydınlatır
lights your power

LED Catalogue
LED KATALOG
2018-2019

www.pedas.com.tr

 **PEDAS**[®]
LED Aydınlatma Teknolojileri

40 Years

www.pedas.com.tr

 **PEDAS**[®]
LED Aydınlatma Teknolojileri

KURUMSAL

Pedaş Elektrik Sanayi ve Ticaret A.Ş. 1979 yılında kurulmuştur. Pedaş 11.000 m2 büyüklüğündeki modern tesisinde, geniş personel kadrosuyla iç ve dış mekan aydınlatma armatürleri, endüstriyel tip aydınlatma armatürleri, ledli aydınlatma armatürleri, floresan, yüksek basınçlı balastlar, endüstriyel armatür camları üretmekte ve ürünlerini yurtiçi pazara sunmanın yanında dünya üzerinde 55 ülkeye ihraç etmektedir. Pedaş tecrübeli mühendis,tasarımcı ve tekniker kadrosuyla müşterilerinin Proje bazlı ihtiyaçlarını belirleme konularında da danışmanlık hizmeti sunmaktadır. Aynı şekilde AR-GE departmanında deneyimli kadrosuyla yeni ürün geliştirme konularında sürekli çalışmalar yapmaktadır.

Pedaş köklü geçmişinden edindiği tecrübesini, yenilikçi ve inovatif vizyonu ile birleştirerek sektörün lider kuruluşları arasında yer almanın haklı gururunu yaşamaktadır. Pedaş tedarikçilerini, çalışanlarını, müşterilerini ve diğer tüm paydaşlarını Pedaş Ailesi'nin bir ferdi olarak görmekte ve tüm aile fertlerinin mutluluğu için çalışmaktadır. "Toplam Kalite Yönetimi" anlayışını tüm süreçlerde uygulayan Pedaş TSE-ISO 9001:2008 kalite standartlarında üretim yaparak, "Koşulsuz Müşteri Memnuniyeti" politikasıyla sürekli hedef büyütmekte ve geleceğe emin adımlarla yürümektedir.



Pedaş Electricity Industry and Trade INC was founded in 1979. Staying up to date with industry standards, our establishment is built on 11.000 square meters.

Pedaş family is consisted of large qualified engineers, designers and technical staff who are proved to be very successful in manufacturing, design consultancy, R&D activities and marketing strategies as we export high-quality industry type florescent, high pressure ballasts luminaries and industry class luminaries' glasses to 55 different countries around the World. We enjoy the rightful pride of having a deep rooted past in lighting industry. We aim to combine our broad experience with innovative vision to be leading company in the sector. Pedaş is a member of a family that is consisted of suppliers, workers, customers, and shareholders. It is our job to bring happiness for all members of this family.



40 yıldır güvenle!

40 sene önce sıfırdan kurduğumuz Pedaş'ın bu konuma gelmesinde dürüstlük, etik çalışma ahlakı, kaliteden ödün vermeyen anlayışımız, çalışanlarımızın, tedarikçilerimizin ve müşterilerimizin koşulsuz memnuniyetini sağlamamız etkili olmuştur.

40 years ago we set up Pedaş from scratch. Today, without a doubt, we see the fruits of trustworthiness and work ethic of our staff providing effective solutions to our customers without compromising quality. It is very important for us to ensure that our personnel, suppliers, customers and shareholder are satisfied no matter what.





Aydınlatma sektörü Türkiye’de ve dünyada hızla büyümektedir. Pedaş olarak büyüyen bu pazardaki payımızı sürekli artırmayı ve yenilikçi ürünlerle sektörü yönlendirip, yeni bakış açıları kazandırmayı hedeflemekteyiz.

Yeni modern fabrikamızda, kalifiye çalışanlarımız ve çözüm ortaklarımız olan tedarikçilerimizle sinerji oluşturarak üretim yapmakta ve ürünlerimizi iç piyasanın yanında dünya üzerindeki 55 ülkeye ihraç etmekteyiz.

Günümüzün rekabet ortamında başarı yolunun verimlilik, yüksek kalite, inovasyon ve Ar-Ge den geçtiğinin bilincindeyiz ve çalışmalarımızı bu doğrultuda yürütmekteyiz.

Pedaş’ın elde ettiği başarılarla yaptıkları katkılar nedeniyle çalışanlarımız, tedarikçilerimiz, müşterilerimiz ve diğer tüm paydaşlarımıza içten teşekkürlerimi sunarım. Başarılarımızın üstüne daha iyilerini inşa etmeye, yatırım yapmaya ve müşterilerimize dürüstlük ve heyecanla hizmet vermeye devam edeceğiz.

Muharrem Öztürk

Yönetim Kurulu Başkanı

Lighting industries are rapidly growing in both Turkey and across the Globe. Here in Pedaş, we aim to increase our authority in this ever growing market and create innovative solutions for lighting Industries through our constant effort on developing new products. Staying up to date with industry standards, our establishment and qualified personnel are proved to be very successful in both manufacturing and marketing strategies as we export high-quality products to 55 different countries around the World.

Today the competition is at a high level and market is very demanding of manufacturers. Pedaş acknowledges these conditions and believes that success comes by perseverance, efficiency and developing innovative approaches to problems lighting industries face with. I would like to express my gratitude towards all the personnel and suppliers for valuable hours of work they put in and to customers who communicate their needs. Here in Pedaş, our motto is ‘be the change you want to see in the industry’.

GOING GLOBAL

- AFGANİSTAN
- AZERBAJCAN
- ARNAVUTLUK
- BELÇİKA
- BOSNA HERSEK
- BULGARİSTAN
- BURKİNA FASO
- KAMERUN
- KIBRIS
- İNGİLTERE
- ETİYOPYA
- GABON
- GÜRCİSTAN
- GANA
- YUNANİSTAN
- MACARİSTAN
- IRAK
- ÜRDÜN
- KIRGIZİSTAN
- KAZAKİSTAN
- KOSOVA
- LETONYA
- LİBYA
- MAKEDONYA
- MALTA
- MOLDOVA
- MALİ
- NİJERYA
- PORTEKİZ
- ROMANYA
- KATAR
- SENEGAL
- GÜNEY AFRİKA
- SUDAN
- TACİKİSTAN
- TUNUS
- TÜRKMENİSTAN
- BİRLEŞİK ARAP EMİRLİKLERİ
- CİBUTİ
- ALMANYA
- LÜBNAN
- KONGO
- FİLDİŞİ SAHİLLERİ
- HIRVATİSTAN
- SUUDİ ARABİSTAN
- SLOVENYA
- CEZAYİR
- NİJER
- GİNE
- SURİYE
- ÖZBEKİSTAN
- KUVEYT
- UKRAYNA
- FİLİSTİN
- FAS

PEDAŞ GLOBAL

Pedaş LED A.Ş. 55 farklı ülkeyle çalışan global bir markadır. Türkiye'ye ekonomik açıdan katkı sağlamak için armatür üretilip dünyaya ihraç ediyoruz.

*Pedas LED A.S. global brand export to 55 Countries.
We producing luminaires and exporting to the world
for support economy of Turkey.*



Aydınlatma Mühendisliği

VİZYONUMUZ

- Türkiye’de aydınlatma sektörünün lider ilk 3 markası içinde olmak.
- İhracatta uluslararası pazarlarda adından söz ettiren marka olmak.
- Ürün çeşitliliği, kalitesi, dinamizmi ve verimliliğiyle fark yaratan bir marka olmak.
- Yenilikçi ürünleriyle sektörü yönlendiren bir marka olmak.

MİSYONUMUZ

- Çalışanlarımızın, tedarikçilerimizin, müşterilerimizin ve diğer tüm paydaşlarımızın koşulsuz memnuniyetini sağlamak.
- Kalitemizi sürekli artırarak değer yaratmak.
- Tüm süreç ve faaliyetlerini en iyi şekilde yerine getirmek.
- İnsanlığa, çevreye ve evrensel değerlere olan sorumluluklarımızı yerine getirmek.

Lighting Engineering

OUR MISSION

To be in the top third of leading lighting companies in Turkey to have authority in export market.

To make difference by wide range of products, quality, dynamism and efficiency.

To be the leading face for lighting industries with our innovative products.

OUR VISION

To ensure that our personnel, suppliers, customers and shareholder are satisfied no matter what.

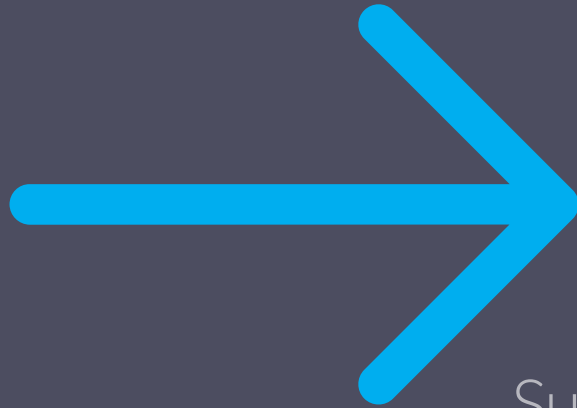
To constantly improve quality to provide effective and time saving consultation service to full fill our responsibilities toward people, environment and universal values.

CERTIFICATES

KALİTE
BELGELERİMİZ



KEŞFET



Survey





İÇİNDEKİLER

26



İÇ MEKAN AYDINLATMA / INDOOR LIGHTING

- 28 LED SIVA ALTI AYDINLATMA ARMATÜRLERİ / RECESSED MOUNTED LIGHTING LUMINAIRES
- 42 LED SIVA ÜSTÜ AYDINLATMA ARMATÜRLER / SURFACE MOUNTED LIGHTING LUMINAIRES
- 64 LED STERİL AYDINLATMA ARMATÜRLER / LED CLEAN ROOM LIGHTING LUMINAIRES
- 70 LED DOWNLIGHT VE SPOT ARMATÜRLER / LED DOWNLIGHT LIGHTING LUMINAIRES
- 100 LED DEKORATİF AYDINLATMA ARMATÜRLERİ / LED DECORATIVE LIGHTING LUMINAIRES
- 114 LED ACİL AYDINLATMA ARMATÜRLERİ / LED EMERGENCY LIGHTING LUMINAIRES

120



ENDÜSTRİYEL ARMATÜRLER / INDUSTRIAL LIGHTING

- 122 LED ETANJ ARMATÜRLER / LED WATERPROOF LUMINAIRES
- 130 LED YÜKSEK TAVAN ARMATÜRLER / LED HIGH & LOW BAY LUMINAIRES
- 136 LED KANOPI ARMATÜRLER / LED GAS STATION LUMINAIRES

Table of Content



140

DIŐ MEKAN AYDINLATMA / OUTDOOR LIGHTING

- 142 LED SOKAK ARMATÖRLERİ / LED STREET LIGHTS
- 150 LED PROJEKTÖRLER / LED FLOOD LIGHTS
- 156 LED WALLWASHER ARMATÖRLER / LED WALLWASHER LUMINAIRES
- 160 LED PARK VE BAĐE ARMATÖRLERİ / LED PARK AND GARDEN LUMINAIRES
- 178 LED BOLARD ÜRÜNLER / LED BOLLARD LUMINAIRES
- 186 LED HARİCİ VE GÖMME PARK BAĐE ARMATÖRLERİ / LED EXTERNAL AND RECESSED PARK GARDEN LUMINAIRES
- 200 LED GLOP ARMATÖRLER / LED GLOP LUMINAIRES



208

LAMBALAR & KOMPONENTLER / BULBS & COMPONENTS

- 208 LED AMPULLER / LED BULBS
- 210 LED BUJİ AMPULLER / LED CANDLE BULBS
- 211 LED SPOT AMPULLER / LED SPOT BULBS
- 212 T8 LED FLORESAN AMPULLER / T8 LED FLUORESCENT BULBS
- 213 PAR38 LED SPOT AMPULLER / PAR38 LED BULBS
- 214 LED FILAMENT AMPULLER / LED FILAMENT BULBS
- 216 SENSÖRLER / SENSORS

İÇİNDEKİLER

İÇ MEKAN AYDINLATMA *Indoor Lighting*

LED SIVA ALTI AYDINLATMA ARMATÜRLERİ

RECESSED MOUNTED LIGHTING LUMINAİRES

COLLE	COLLE ALÇIPAN	COLLE CLIP-IN	ESTEE FAVOR	ESTEE FAVOR CLIP-IN	ESTEE	ESTEE CLIP-IN	CONCEPT	ELEGANCE
								
30	31	32	33	34	35	36	37	38
ELEGANCE CLIP-N	ELEGANCE DİR/EN	ELEGANCE DİR/EN CLIP-IN						
								
39	40	41						

LED SIVA ÜSTÜ AYDINLATMA ARMATÜRLERİ





SURFACE MOUNTED LIGHTING LUMINAİRES

UP COLLE	UP ESTEE FAVOR	UP ESTEE	UP CONCEPT	UP ELEGANCE	UP ELEGANCE DİR/EN	AXIS	ELECTRA	UP VENTA
								
44	45	46	47	48	49	50	51	52
UP URBAN	UP DASY	UP AXIS	BRECO	LOGIC	CARINA TUBE	CARINA TUBE R	CARINA 65 TUBE R	LYDIA
								
53	54	55	56	57	58	59	60	61
MIRROR TUBE	LED BAR							
								
62	63							












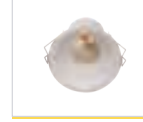

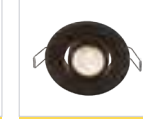


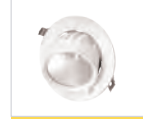



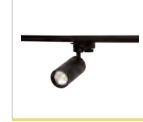
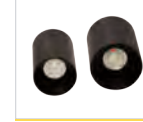




Table of Content

Indoor Lighting İÇ MEKAN AYDINLATMA

LED STERİL AYDINLATMA ARMATÜRLERİ LED CLEAN ROOM LIGHTING LIMUNAIRES

UP NEGATOSKOP	NEGATOSKOP	UP FAVOR CLEAN	FAVOR CLEAN
			
69	68	67	66

LED DOWNLIGHT VE SPOT AYDINLATMA ARMATÜRLERİ LED DOWNLIGHT AND SPOT LIGHTING LIMUNAIRES

MEST	SELON	ETNA	BELLO	UP STARK	STARK DEEP	STARK IP	STARK	
								
79	78	77	76	75	74	73	72	
LESA	MEGA	ROYAL	MELLY	LISSE	SIENTO	ESSE	SERA	LATINA
								
89	88	87	86	85	84	82	81	80
BELISA	GALON	PLANET	GENOVA	MARSY	ELIS	RUMBA	UP MEGA	SAMBA
								
99	98	97	96	95	94	93	92	91

LED DEKORATİF AYDINLATMA ARMATÜRLERİ LED DEKORATIVE LIGHTING LIMUNAIRES

SERVENT	RUBY	PABLO	LUTOS	TRIA	JEFF	BOSS	BEND	ALBERO
								
110	109	108	107	106	105	104	103	102

İÇİNDEKİLER

İÇ MEKAN AYDINLATMA *Indoor Lighting*

LED DEKORATİF AYDINLATMA ARMATÜRLERİ

LED DEKORATIVE LIGHTING LIMUNAIRES

ROUNDY



111

TRAS



112

LINCO



113

LED ACİL AYDINLATMA ARMATÜRLERİ

LED EMERGENCY LIGHTING LIMUNAIRES

SAFRAN



116

NİLÜFER



117

ORKİDE



118

ZAMBAK



119

ENDÜSTRİYEL ARMATÜRLER *Industrial Lighting*

LED ETANJ AYDINLATMA ARMATÜRLERİ

LED WATERPROOF LIGHTING LIMUNAIRES

ORLEON
LED



124

NEO



125

RINI



126

HOBBY
TUBE



127

ORLEON
TUBE



128

LUPO
TUBE



129

LED YÜKSEK TAVAN AYDINLATMA ARMATÜRLERİ

LED HIGHBAY LIGHTING LIMUNAIRES

ZİRVE LED



132

ZİRVE LED



133

RONDA



134

QARRE



135

Table of Content

Industrial Lighting ENDÜSTRİYEL ARMATÜRLER

LED KANOPI AYDINLATMA ARMATÜRLERİ LED CANOPY LIGHTING LIMUNAIRES



Outdoor lighting DIŐ MEKAN ARMATÜRLER

LED SOKAK AYDINLATMA ARMATÜRLERİ LED STREET AND ROAD LIGHTING LIMUNAIRES



LED PROJEKTÖRLER LED FLOODLIGHTS



İÇİNDEKİLER

DIŞ MEKAN ARMATÜRLER *Outdoor lighting*

LED WALLWASHER ARMATÜRLER

LED WALLWASHER LUMINAIRES

METRO



158

VETRA



159

LED PARK VE BAHÇE ARMATÜRLERİ

LED PARK AND GARDEN LUMINAIRES

LETTO



162

TANGRAM



163

POINT



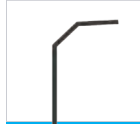
164

RENOVA



165

VIA



166

DIGITAL



167

VOID



168

PERA



169

WESTERN



170

CAMEL



171

LINEA



173

CROSS



174

HERSON



175

ALTIRA



176

GAP



177

BOLARD ÜRÜNLER

BOLLARD LUMINAIRES

WONDER



180

LIZA



181

RINGO



182

ALYA



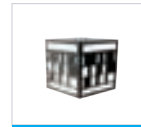
183

RESMO



184

PERLA



185

Table of Content

Outdoor lighting DIŐ MEKAN ARMATÖRLER

HARİCİ VE GÖMME PARK BAĐE ARMATÖRLERİ

LED EXTERNAL AND RECESSED PARK GARDEN LUMINAİRES

UP SIMBA	MOSLINE	TIPO	PESARO	MALDIV	LINGO	TWIT	PRIZMA	BAROS
								
196	195	194	193	192	191	190	189	188
						VIGO	ARGOS	SIMBA
								
						199	198	197

LED GLOP ARMATÖRLER

LED GLOP LUMINAİRES






GOKNAR	DIA	EBRO	TRUVA	EVORA	TALIA
					
207	206	205	204	203	202

İÇİNDEKİLER

LAMBALAR *Lamps*

LED AMPULLER

LED BULBS

LED AMPÜL	LED SPOT VE BUJİ SERİSİ	LED FLORESAN	LED FILAMENT AMPULLER	LED FILAMENT AMPULLER
				
210	211	212	213	214

SENSÖRLER

SENSORS

RADAR SENSÖR	360° SIVA ALTI HAREKET SENSÖRÜ	180° SIVA ALTI HAREKET SENSÖRÜ	360° SIVA ÜSTÜ HAREKET SENSÖRÜ
			
218	219	220	221



INDOOR LIGHTING

İÇ MEKAN

AYDINLATMA



KEŞFET



Survey



INDOOR LIGHTING

SIVA ALTI ARMATÜRLER

- | | | | |
|----|---------------------------|----|--------------------------------------|
| 30 | - COLLE | 38 | - ELEGANCE |
| 31 | - COLLE ALÇIPAN | 39 | - ELEGANCE CLIP - IN |
| 32 | - COLLE CLIP-IN | 40 | - ELEGANCE DİREK / ENDİREKT |
| 33 | - ESTEE- FAVOR | 41 | - ELEGANCE DİREK / ENDİREKT CLIP- IN |
| 34 | - ESTEE - FAVOR CLIP - IN | | |
| 35 | - ESTEE | | |
| 36 | - ESTEE CLIP - IN | | |
| 37 | - CONCEPT | | |

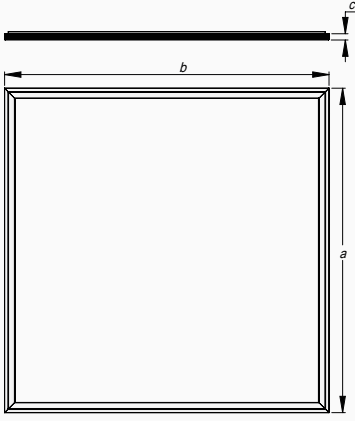


ESTEE
FAVOR

COLLE

SIVA ALTI SLIM LED PANEL AYDINLATMA ARMATÜRLERİ

RECESSED MOUNTED SLIM LED PANEL LIGHTING LUMINAIRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Ekstrüzyon Profil
Body Aluminium Extrusion Profile

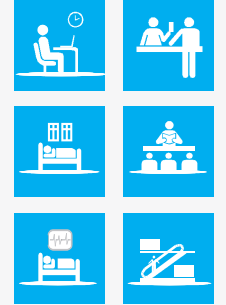
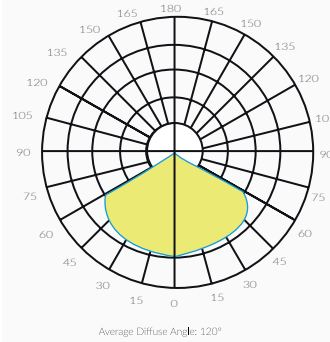
BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PHILIPS

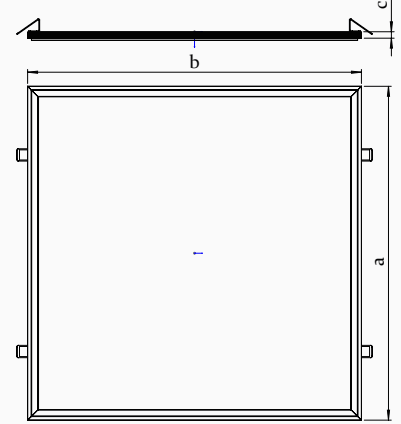


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
931 01 111 024 2171 84	24	1944	4000K	81	0,9	295	295	9,2	1,062	0,051	11,8	10
931 01 111 024 2171 86	24	1944	6500K	81	0,9	295	295	9,2	1,062	0,051	11,8	10
931 01 114 030 2171 84	30	2430	4000K	81	0,9	295	595	9,2	1,494	0,050	8,3	5
931 01 114 030 2171 86	30	2430	6500K	81	0,9	295	595	9,2	1,494	0,050	8,3	5
931 01 114 040 2171 84	40	3240	4000K	81	0,9	295	1195	9,2	1,890	0,098	10,5	5
931 01 114 040 2171 86	40	3240	6500K	81	0,9	295	1195	9,2	1,890	0,098	10,5	5
931 01 111 040 2171 84	40	3240	4000K	81	0,9	595	595	9,2	1,962	0,096	10,9	5
931 01 111 040 2171 86	40	3240	6500K	81	0,9	595	595	9,2	1,962	0,096	10,9	5
931 01 111 048 2171 84	48	3888	4000K	81	0,9	595	595	9,2	1,962	0,096	10,9	5
931 01 111 048 2171 86	48	3888	6500K	81	0,9	595	595	9,2	1,962	0,096	10,9	5

COLLE ALÇIPAN

RECESSED MOUNTED PLASTER CEILING
SLIM LED PANEL LIGHTING LUMINAIRE

SIVA ALTI ALÇIPAN TAVAN SLIM LED
PANEL AYDINLATMA ARMATÜRLERİ



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Ekstrüzyon Profil
Body Aluminium Extrusion Profile

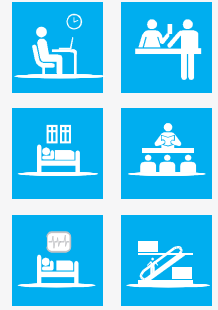
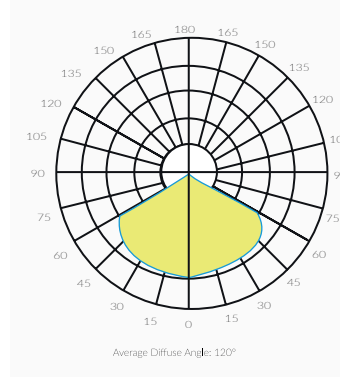
OPTİK : Opal Difüzör
Optic Opal Diffuser

BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

LED : Mid Power

PCB : Isı İletkenliği Yüksek PCB
High Conductive
Heat-Resistance PCB

Driver : PHILIPS

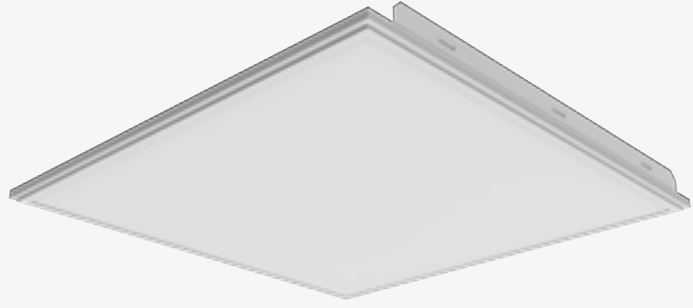
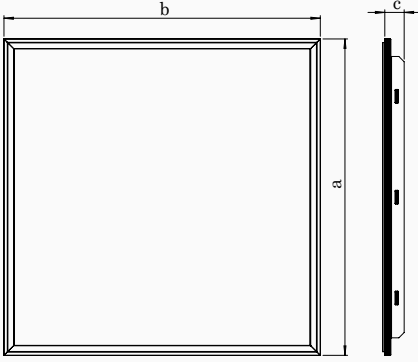


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Kesim Ölçüsü Cut Size	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
							A	B	C				
931 01 121 024 2171 84	24	1944	4000K	81	275*275	0,9	295	295	9,2	1,062	0,051	11,8	10
931 01 121 024 2171 86	24	1944	6500K	81	275*275	0,9	295	295	9,2	1,062	0,051	11,8	10
931 01 124 030 2171 84	30	2430	4000K	81	275*575	0,9	295	595	9,2	1,494	0,050	8,3	5
931 01 124 030 2171 86	30	2430	6500K	81	275*575	0,9	295	595	9,2	1,494	0,050	8,3	5
931 01 124 040 2171 84	40	3240	4000K	81	275*1175	0,9	295	1195	9,2	1,890	0,098	10,5	5
931 01 124 040 2171 86	40	3240	6500K	81	275*1175	0,9	295	1195	9,2	1,890	0,098	10,5	5
931 01 121 040 2171 84	40	3240	4000K	81	575*575	0,9	595	595	9,2	1,962	0,096	10,9	5
931 01 121 040 2171 86	40	3240	6500K	81	575*575	0,9	595	595	9,2	1,962	0,096	10,9	5

COLLE CLIP-IN

SIVA ALTI CLIP-IN SLIM LED PANEL AYDINLATMA ARMATÜRLERİ

RECESSED MOUNTED CLIP-IN SLIM LED LIGHTING PANEL LUMINAİRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Ekstrüzyon Profil
Body Aluminium Extrusion Profile

BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek
PCB High Conductive
Heat-Resistance PCB

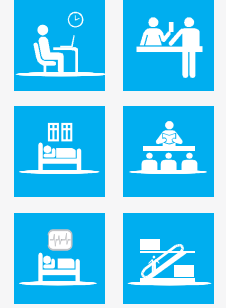
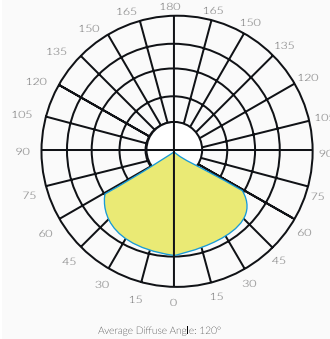
OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PHILIPS

TRIDONIC OSRAM

PLED PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
931 01 131 024 2171 84	24	1944	4000K	81	0,9	300	300	20	1,062	0,051	11,8	10
931 01 131 024 2171 86	24	1944	6500K	81	0,9	300	300	20	1,062	0,051	11,8	10
931 01 134 030 2171 84	30	2430	4000K	81	0,9	300	600	20	1,494	0,050	8,3	5
931 01 134 030 2171 86	30	2430	6500K	81	0,9	300	600	20	1,494	0,050	8,3	5
931 01 134 040 2171 84	40	3240	4000K	81	0,9	300	1200	20	1,890	0,098	10,5	5
931 01 134 040 2171 86	40	3240	6500K	81	0,9	300	1200	20	1,890	0,098	10,5	5
931 01 131 040 2171 84	40	3240	4000K	81	0,9	600	600	20	1,962	0,096	10,9	5
931 01 131 040 2171 86	40	3240	6500K	81	0,9	600	600	20	1,962	0,096	10,9	5

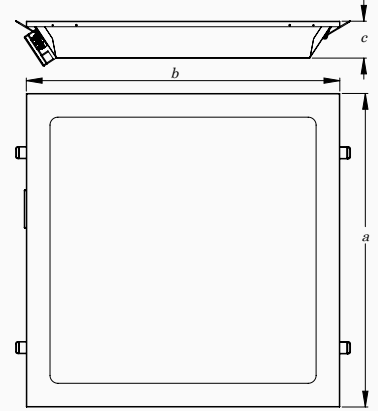
ESTEE-FAVOR

RECESSED MOUNTED BACKLIGHT
LED PANEL LIGHTING LUMINAİRES

SIVA ALTI BACKLIGHT LED PANEL
AYDINLATMA ARMATÜRLERİ



EN 60598-2-2



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Metal

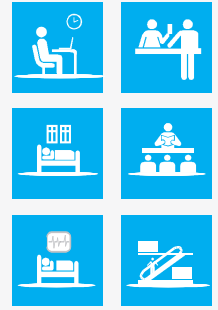
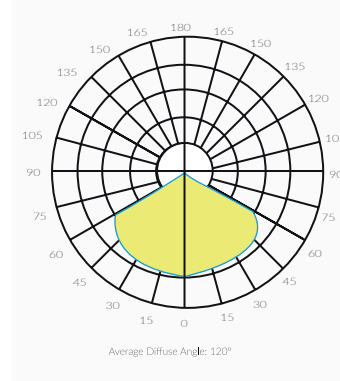
BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek
PCB High Conductive
Heat-Resistance PCB

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PHILIPS

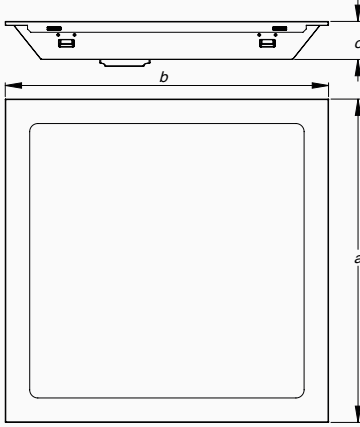


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Kesim Ölçüsü Cut Size	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
							A	B	C				
931 40 111 013 3331	12,8	1382	2700K-6500K	108	275*275	0,9	295	295	70	1,10	0,031	5,00	4
931 40 114 024 3331	24	2616	2700K-6500K	109	275*575	0,9	295	595	70	1,90	0,032	4,35	2
931 40 114 040 3331	40	4440	2700K-6500K	111	275*1175	0,9	295	1195	70	3,52	0,061	8,00	2
931 40 111 029 4231	29	3364	2700K-6500K	116	575*575	0,9	595	595	70	3,07	0,061	6,65	2
931 40 111 033 4231	33	3696	2700K-6500K	112	575*575	0,9	595	595	70	3,07	0,061	6,65	2
931 40 111 040 4231	40	4280	2700K-6500K	107	575*575	0,9	595	595	70	3,07	0,061	6,65	2
931 40 114 066 3231	66	7392	2700K-6500K	112	575*1175	0,9	595	1195	70	7,20	0,122	18,40	2

ESTEE-FAVOR CLIP-IN

SIVA ALTI BACKLIGHT CLIP-IN LED
PANEL AYDINLATMA ARMATÜRLERİ

RECESSED MOUNTED CLIP-IN BACKLIGHT
LED PANEL LIGHTING LUMINAİRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Metal

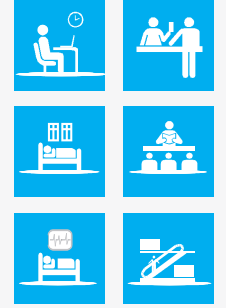
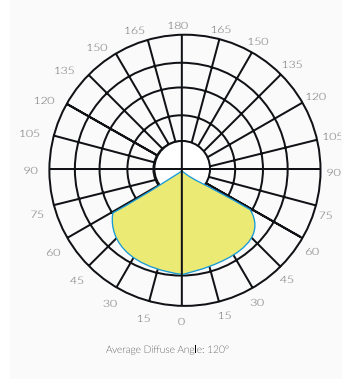
BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek
PCB High Conductive
Heat-Resistance PCB

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

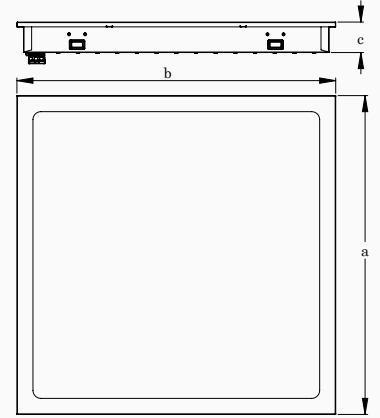
Driver : PHILIPS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Colour	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
931 40 131 013 3331	12,8	1382	2700K-6500K	108	0,9	300	300	70	1,10	0,033	5,00	4
931 40 134 024 3331	24	2616	2700K-6500K	109	0,9	300	600	70	1,90	0,033	4,35	2
931 40 134 040 3331	40	4440	2700K-6500K	111	0,9	300	1200	70	3,52	0,061	8,00	2
931 40 131 029 4231	29	3364	2700K-6500K	116	0,9	600	600	70	3,07	0,061	6,65	2
931 40 131 033 4231	33	3696	2700K-6500K	112	0,9	600	600	70	3,07	0,061	6,65	2
931 40 131 040 4231	40	4280	2700K-6500K	107	0,9	600	600	70	3,07	0,061	6,65	2
931 40 134 066 3231	66	7392	2700K-6500K	112	0,9	600	1200	70	7,20	0,122	18,40	2



EN 60598-2-2



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Metal

BOYA: : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek
PCB High Conductive
Heat-Resistance PCB

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

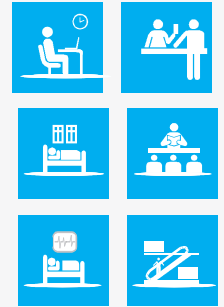
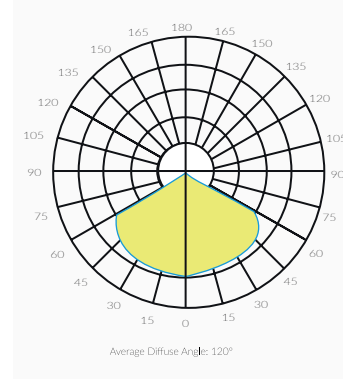
Driver : PHILIPS

TRIDONIC

OSRAM

PLED

PEDAS

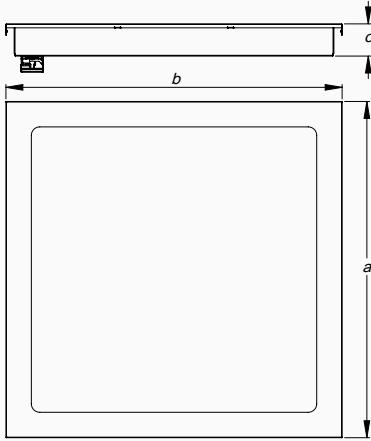


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Kesim Ölçüsü Cut Size	Güç Faktörü Power Factor(ç)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
							A	B	C				
931 10 111 015 3331	12,8	1532	2700K-6500K	120	275*275	0,9	295	295	55	1,10	0,031	5,00	4
931 11 114 020 3331	18,2	2306	2700K-6500K	127	275*575	0,9	295	595	55	2,00	0,031	4,55	2
931 11 114 025 3331	25,6	3064	2700K-6500K	120	275*575	0,9	295	595	55	2,00	0,031	4,55	2
931 12 114 024 3331	24,6	3264	2700K-6500K	133	275*1175	0,9	295	1195	55	3,70	0,062	8,00	2
931 12 114 040 3331	37,8	4763	2700K-6500K	126	275*1175	0,9	295	1195	55	3,70	0,062	8,00	2
931 13 111 033 4231	24,6	3264	2700K-6500K	133	575*575	0,9	595	595	55	3,30	0,061	7,20	2
931 12 111 035 4231	34,5	4399	2700K-6500K	128	575*575	0,9	595	595	55	3,30	0,061	7,20	2
931 12 111 038 4231	37,8	4763	2700K-6500K	126	575*575	0,9	595	595	55	3,30	0,061	7,20	2
931 13 114 050 3231	49,2	6529	2700K-6500K	133	575*1175	0,9	595	1195	55	7,20	0,122	16,40	2
931 13 114 069 3231	69,0	8832	2700K-6500K	128	575*1175	0,9	595	1195	55	7,20	0,122	16,40	2

ESTEE-CLIP IN

SIVA ALTI BACKLIGHT CLIP-IN LED
PANEL AYDINLATMA ARMATÜRLERİ

RECESSED MOUNTED BACKLIGHT CLIP-IN
LED PANEL LIGHTING LUMINAİRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Metal

BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek
PCB High Conductive
Heat-Resistance PCB

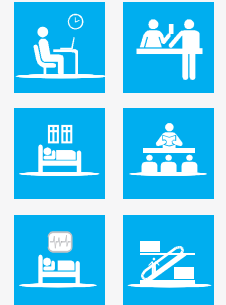
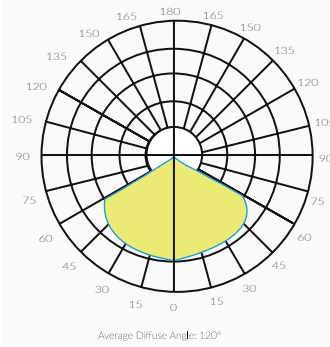
OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

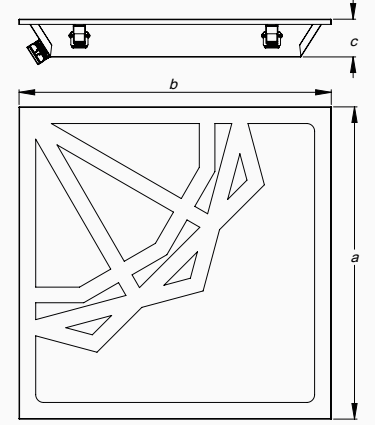
Driver : PHILIPS

TRIDONIC OSRAM

PLED PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Colour	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(ç)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
931 10 131 015 3331	12,8	1532	2700K-6500K	120	0,9	300	300	55	1,10	0,031	5,00	4
931 11 134 020 3331	18,2	2306	2700K-6500K	127	0,9	300	600	55	2,00	0,031	4,55	2
931 11 134 025 3331	25,6	3064	2700K-6500K	120	0,9	300	600	55	2,00	0,031	4,55	2
931 12 134 024 3331	24,6	3264	2700K-6500K	133	0,9	300	1200	55	3,70	0,062	8,00	2
931 12 134 040 3331	37,8	4763	2700K-6500K	126	0,9	300	1200	55	3,70	0,062	8,00	2
931 13 131 033 4231	24,6	3264	2700K-6500K	133	0,9	600	600	55	3,30	0,061	7,20	2
931 12 131 035 4231	34,5	4399	2700K-6500K	128	0,9	600	600	55	3,30	0,061	7,20	2
931 12 131 038 4231	37,8	4763	2700K-6500K	126	0,9	600	600	55	3,30	0,061	7,20	2
931 13 134 050 3231	49,2	6529	2700K-6500K	133	0,9	600	1200	55	7,20	0,122	16,40	2
931 13 134 069 3231	69	8832	2700K-6500K	128	0,9	600	1200	55	7,20	0,122	16,40	2



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Metal

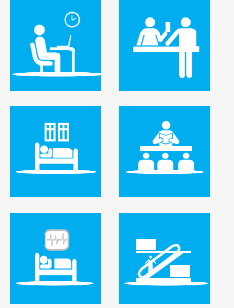
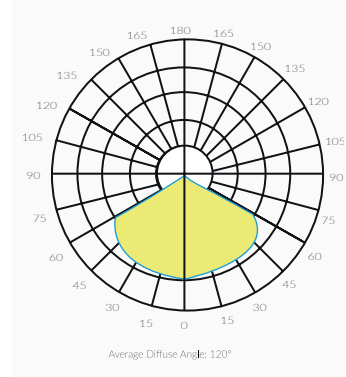
BOYA: Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek
PCB High Conductive
Heat-Resistance PCB

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PHILIPS

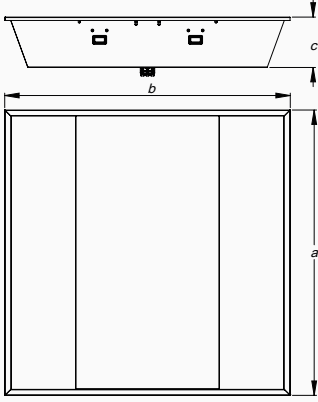


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Kesim Ölçüsü Cut Size	Güç Faktörü Power Factor(±)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
							A	B	C				
931 03 111 029 3331	29	3364	2700K-6500K	116	575*575	0,9	595	595	70	3,30	0,061	7,12	2
931 03 111 033 3331	33	3696	2700K-6500K	112	575*575	0,9	595	595	70	3,30	0,061	7,12	2
931 03 111 040 3331	40	4280	2700K-6500K	107	575*575	0,9	595	595	70	3,30	0,061	7,12	2

ELEGANCE

SIVA ALTI LED ENDİREKT AYDINLATMA ARMATÜRLERİ

RECESSED MOUNTED LED INDIRECT LIGHTING LUMINAIRE



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Metal

BOYA: : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

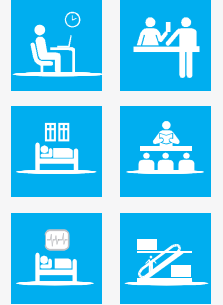
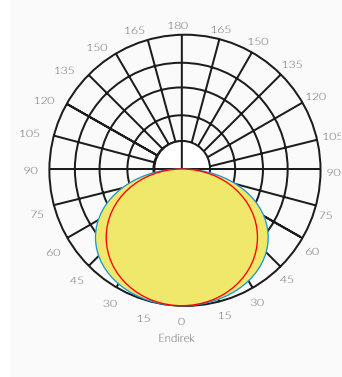
OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PHILIPS

TRIDONIC OSRAM

PLED PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Kesim Ölçüsü Cut Size	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack
							A	B	C				
931 04 111 033 3131 84	33	3564	4000K	575*575	108	0,9	595	595	110	5,20	0,061	5,70	1
931 04 111 033 3131 86	33	3564	6500K	575*575	108	0,9	595	595	110	5,20	0,061	5,70	1

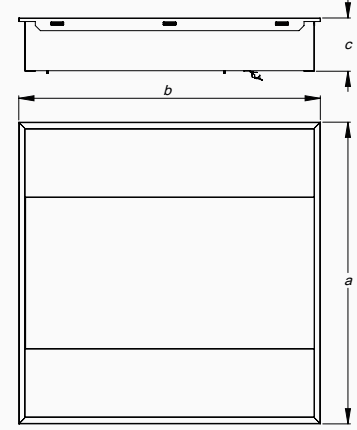
ELEGANCE CLIP-IN

RECESSED MOUNTED CLIP-IN LED
INDIRECT LIGHTING LUMINAİRES

SİVA ALTI CLIP-IN LED ENDİREKT
AYDINLATMA ARMATÜRLERİ



EN 60598-2-2



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Metal

BOYA: : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

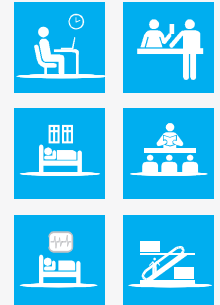
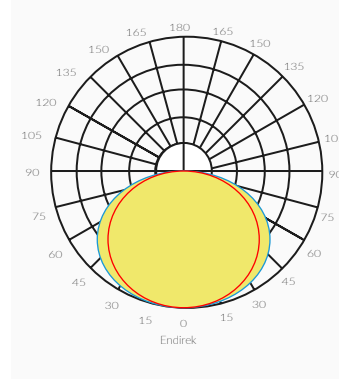
Driver : PHILIPS

TRIDONIC

OSRAM

PLED

PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(Ʒ)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
931 04 131 033 3131 84	33	3564	4000K	108	0,9	600	600	110	5,20	0,061	5,70	1
931 04 131 033 3131 86	33	3564	6500K	108	0,9	600	600	110	5,20	0,061	5,70	1

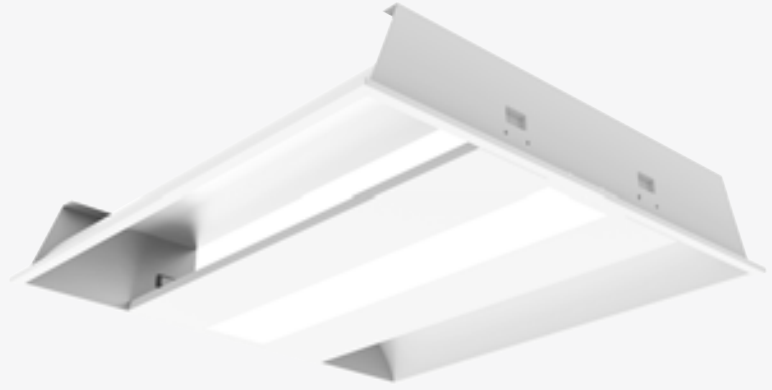
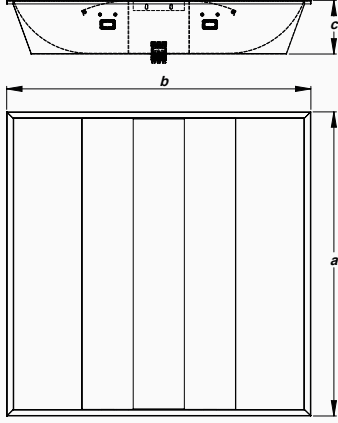
ELEGANCE DİREKT&ENDİREKT

SIVA ALTI LED DİREKT-ENDİREKT
AYDINLATMA ARMATÜRLERİ

RECESSED MOUNTED LED
DIRECT- INDIRECT LIGHTINGS LUMINAİRES



EN 60598-2-2



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Metal

BOYA: : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

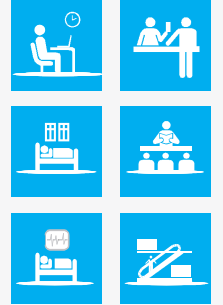
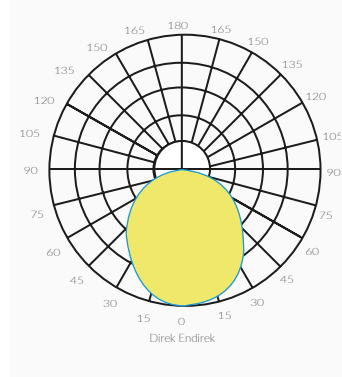
OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PHILIPS

TRIDONIC OSRAM

PLED PEDAS

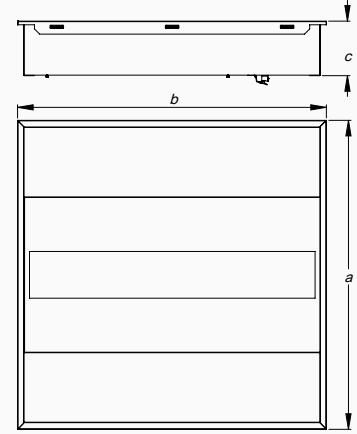
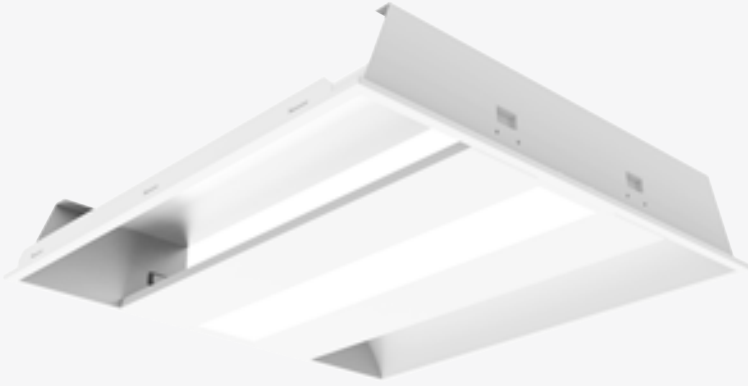


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Kesim Ölçüsü Cut Size	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack
							A	B	C				
931 05 111 033 3131 84	33	3564	4000K	575*575	108	0,9	595	595	110	5,20	0,061	5,70	1
931 05 111 033 3131 86	33	3564	6500K	575*575	108	0,9	595	595	110	5,20	0,061	5,70	1

ELEGANCE DİREKT&ENDİREKT CLIP-IN

RECESSED MOUNTED CLIP-IN LED
DIRECT-INDIRECT LIGHTING LUMINAIRES

SIVA ALTI CLIP-IN LED DİREKT-ENDİREKT
AYDINLATMA ARMATÜRLERİ



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Metal

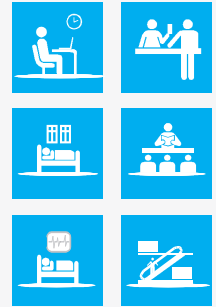
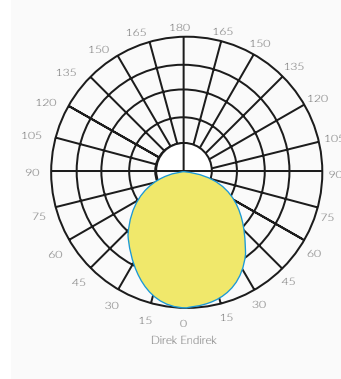
BOYA: : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PHILIPS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(Ʒ)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
931 05 131 033 3131 84	33	3564	4000K	108	0,9	600	600	110	5,20	0,061	5,70	1
931 05 131 033 3131 86	33	3564	6500K	108	0,9	600	600	110	5,20	0,061	5,70	1

SURFACE MOUNTED LUMINAIRES

SIVA ÜSTÜ ARMATÜRLER

44	- UP COLLE	52	- UP VENTA	60	- CARINA 65 TUBE
45	- UP FAVOR-ESTEE	53	- UP URBAN	61	- LYDIA
46	- UP ESTEE	54	- UP DASY	62	- MIRROR TUBE
47	- UP CONCEPT	55	- UP AXIS	63	- LEDBAR
48	- UP ELEGANCE	56	- BRECO		
49	- UP ELEGANCE DİREK/ENDİREKT	57	- LOGIC		
50	- AXIS	58	- CARINA TUBE		
51	- ELECTRA	59	- CARINA TUBE R		

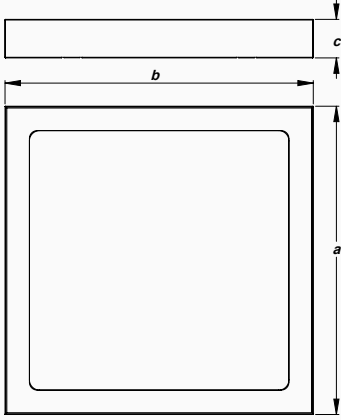
A modern office interior with a large white geometric structure in the foreground and a yellow circle containing the text 'UP ESTEE FAVOR'. The office features a grey floor, white walls, and recessed ceiling lights. A potted plant in a silver container is visible on the left side of the frame.

UP ESTEE
FAVOR

UP COLLE

SIVA ÜSTÜ SLIM LED PANEL
AYDINLATMA ARMATÜRLERİ

SURFACE MOUNTED SLIM
LED PANEL LIGHTING LUMINAİRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Ekstrüzyon Profil
Body Aluminium Extrusion Profile

BOYA: Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

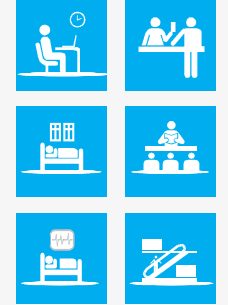
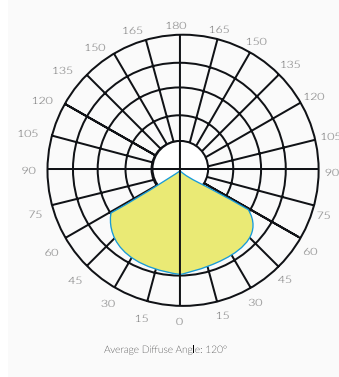
OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PHILIPS

TRIDONIC OSRAM

PLED PEDAS

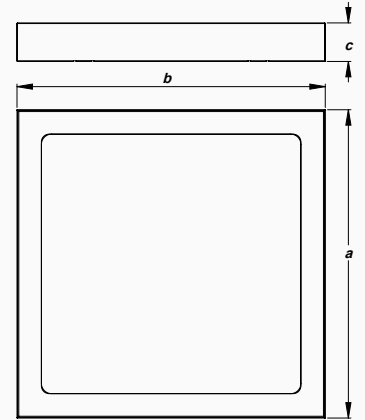


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
931 01 141 024 2171 84	24	1944	4000K	81	0,9	300	300	40	1,062	0,051	11,8	10
931 01 141 024 2171 86	24	1944	6500K	81	0,9	300	300	40	1,062	0,051	11,8	10
931 01 144 030 2171 84	30	2430	4000K	81	0,9	300	600	40	1,494	0,050	8,30	5
931 01 144 030 2171 86	30	2430	6500K	81	0,9	300	600	40	1,494	0,050	8,30	5
931 01 144 040 2171 84	40	3240	4000K	81	0,9	300	1200	40	1,890	0,098	10,5	5
931 01 144 040 2171 86	40	3240	6500K	81	0,9	300	1200	40	1,890	0,098	10,5	5
931 01 141 040 2171 84	40	3240	4000K	81	0,9	600	600	40	1,962	0,096	10,9	5
931 01 141 040 2171 86	40	3240	6500K	81	0,9	600	600	40	1,962	0,096	10,9	5
931 01 141 048 2171 84	48	3888	4000K	81	0,9	600	600	40	1,962	0,096	10,9	5
931 01 141 048 2171 86	48	3888	6500K	81	0,9	600	600	40	1,962	0,096	10,9	5

UP ESTEE-FAVOR

SURFACE MOUNTED BACKLIGHT
LED PANEL LIGHTING LUMINAİRES

SİVA ÜSTÜ BACKLIGHT LED PANEL
AYDINLATMA ARMATÜRLERİ



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Metal

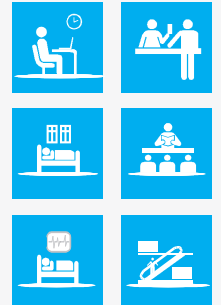
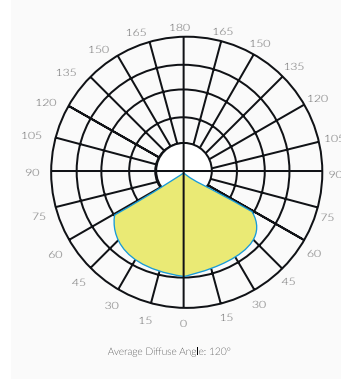
BOYA: Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PHILIPS

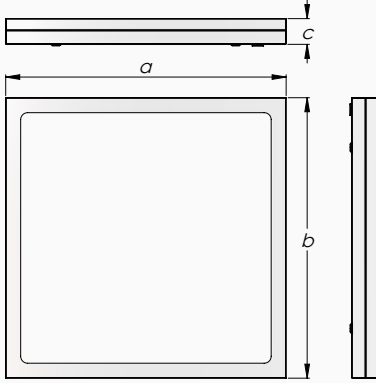


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(±)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
931 40 141 013 3331	12,8	1382	2700K-6500K	108	0,9	300	300	70	2,00	0,032	8,50	4
931 40 144 024 3331	24	2616	2700K-6500K	109	0,9	300	600	70	3,00	0,032	6,50	2
931 40 144 040 3331	40	4440	2700K-6500K	111	0,9	300	1200	70	4,50	0,061	10,00	2
931 40 141 029 4231	29	3364	2700K-6500K	116	0,9	600	600	70	4,80	0,062	10,30	2
931 40 141 033 4231	33	3696	2700K-6500K	112	0,9	600	600	70	4,80	0,062	10,30	2
931 40 141 040 4231	40	4280	2700K-6500K	107	0,9	600	600	70	4,80	0,062	10,30	2
931 40 144 066 3231	66	7392	2700K-6500K	112	0,9	600	1200	70	10,00	0,122	21,50	2

UP ESTEE

SIVA ÜSTÜ BACKLIGHT
LED PANEL AYDINLATMA ARMATÜRLERİ

SURFACE MOUNTED BACKLIGHT
LED PANEL LIGHTING LUMINAİRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Metal

BOYA: : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

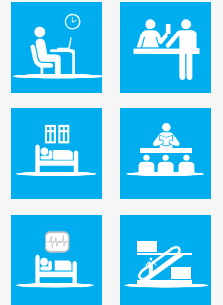
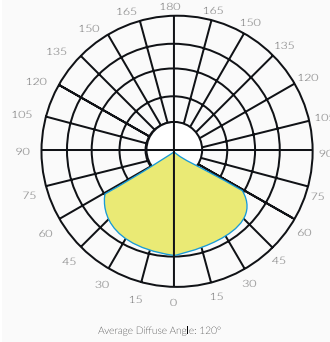
OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PHILIPS

TRIDONIC OSRAM

PLED PEDAS

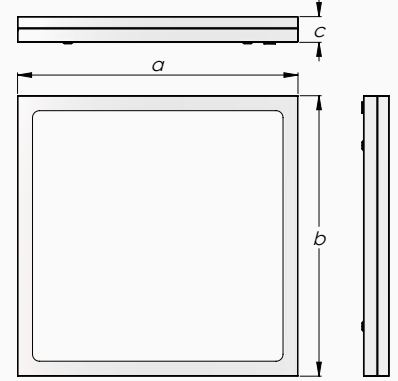


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
931 10 141 015 3331	12,8	1532	2700K-6500K	120	0,9	300	300	55	3,20	0,031	8,20	4
931 11 144 020 3331	18,2	2306	2700K-6500K	127	0,9	300	600	55	3,00	0,031	6,60	2
931 11 144 025 3331	25,6	3064	2700K-6500K	120	0,9	300	600	55	3,00	0,031	6,60	2
931 12 144 024 3331	24,6	3264	2700K-6500K	133	0,9	300	1200	55	3,70	0,061	8,40	2
931 12 144 040 3331	37,8	4763	2700K-6500K	126	0,9	300	1200	55	3,70	0,061	8,40	2
931 13 141 033 4231	24,6	3264	2700K-6500K	133	0,9	600	600	55	3,50	0,061	7,60	2
931 12 141 035 4231	34,5	4399	2700K-6500K	128	0,9	600	600	55	3,50	0,061	7,60	2
931 12 141 038 4231	37,8	4763	2700K-6500K	126	0,9	600	600	55	3,50	0,061	7,60	2
931 13 144 050 3231	49,2	6529	2700K-6500K	133	0,9	600	1200	55	7,40	0,122	16,40	2
931 13 144 069 3231	69	8832	2700K-6500K	128	0,9	600	1200	55	7,40	0,122	16,40	2

UP CONCEPT

SURFACE MOUNTED BACKLIGHT
LED PANEL LIGHTING LUMINAİRES

SİVA ÜSTÜ BACKLIGHT
LED PANEL AYDINLATMA ARMATÜLERİ



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Metal

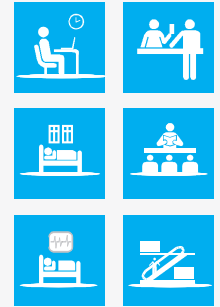
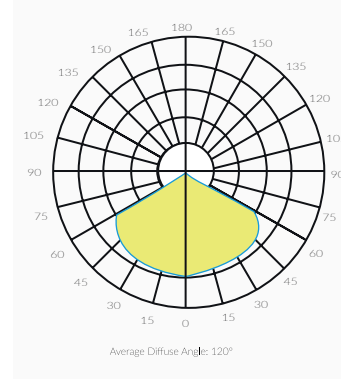
BOYA: Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PHILIPS

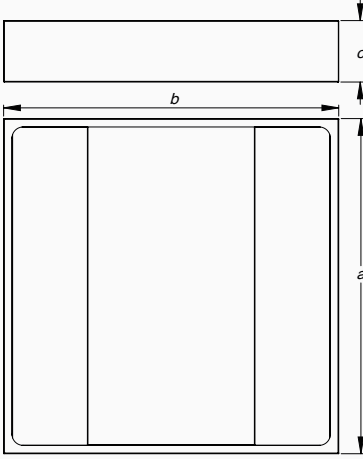


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
931 03 141 033 4231 84	33	3696	4000K	112	0,9	600	600	70	3,50	0,061	7,60	2
931 03 141 033 4231 86	33	3696	6500K	112	0,9	600	600	70	3,50	0,061	7,60	2

UP ELEGANCE

SIVA ÜSTÜ LED ENDİREKT
AYDINLATMA ARMATÜRLERİ

SURFACE MOUNTED LED INDIRECT
LIGHTING LUMINAİRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Metal

BOYA: : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

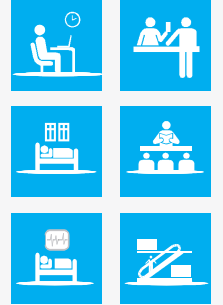
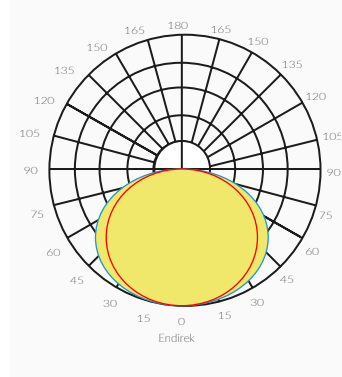
OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PHILIPS

TRIDONIC OSRAM

PLED PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(Ʒ)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
931 04 111 033 3131 84	33	3564	4000K	108	0,9	600	600	110	5,2	0,061	5,7	1
931 04 111 033 3131 86	33	3564	6500K	108	0,9	600	600	110	5,2	0,061	5,7	1

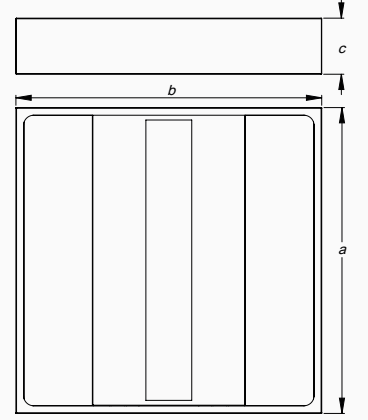
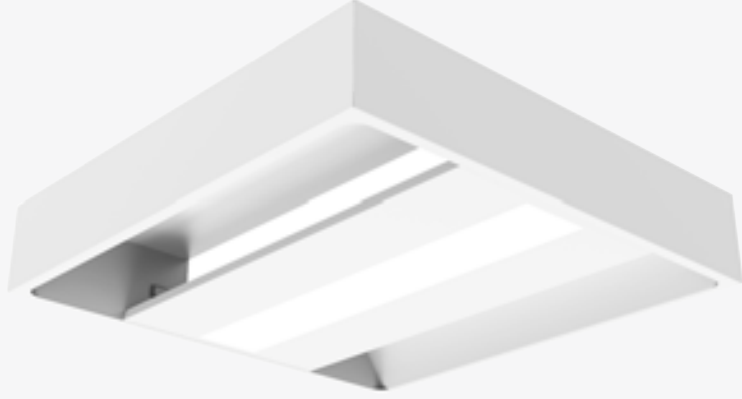
UP ELEGANCE DİREKT/ENDİREKT

SURFACE MOUNTED LED DIRECT-INDIRECT
LIGHTINGS LUMINAİRES

SIVA ÜSTÜ CLIP-IN LED DİREKT-ENDİREKT
AYDINLATMA ARMATÜRLERİ



EN 60598-2-1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Metal

BOYA: : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

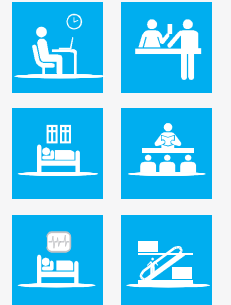
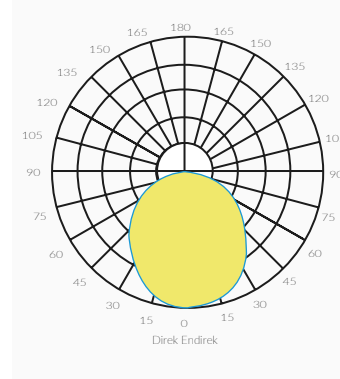
Driver : PHILIPS

TRIDONIC

OSRAM

PLED

PEDAS

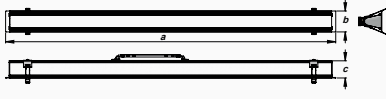


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(Ʒ)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
931 05 131 033 3131 84	33	3564	4000K	108	0,9	600	600	110	5,20	0,061	5,70	1
931 05 131 033 3131 86	33	3564	6500K	108	0,9	600	600	110	5,20	0,061	5,70	1

AXIS

SIVA ALTI LED LINEER AYDINLATMA ARMATÜRLERİ

RECESSED MOUNTED LED LINEAR LIGHTING LUMINAİRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Ekstrüzyon Profil
Body Aluminium Extrusion Profile

BOYA: : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek
PCB High Conductive Heat-Resistance PCB

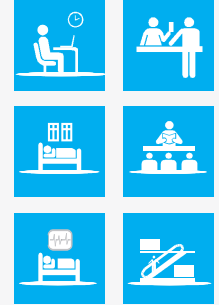
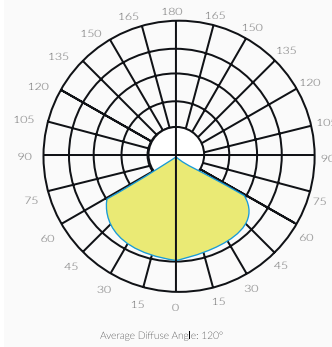
OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

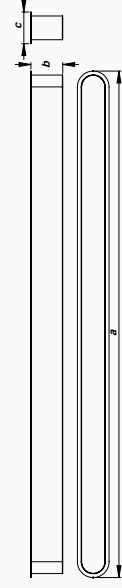
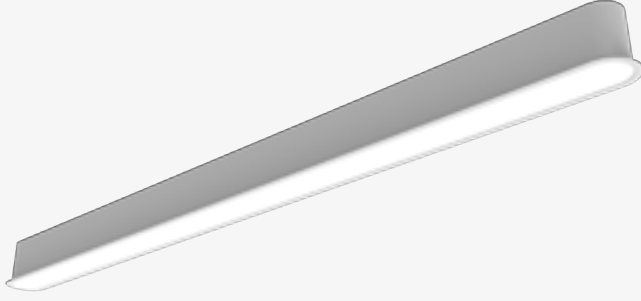
Driver : PHILIPS

TRIDONIC OSRAM

PLED PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Kesim Ölçüsü Cut Size	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack
							A	B	C				
931 06 123 018 3131	18	1944	2700K-6500K	60*595	108	0,9	600	70	65	0,85	0,010	1,95	2
931 06 123 024 3131	24	2592	2700K-6500K	60*895	108	0,9	900	70	65	1,21	0,015	2,80	2
931 06 123 040 3131	40	4320	2700K-6500K	60*1195	108	0,9	1200	70	65	1,60	0,020	3,60	2
931 06 123 060 3131	60	6480	2700K-6500K	60*1495	108	0,9	1500	70	65	2,10	0,025	4,70	2



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

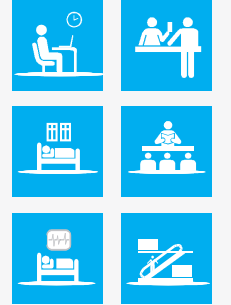
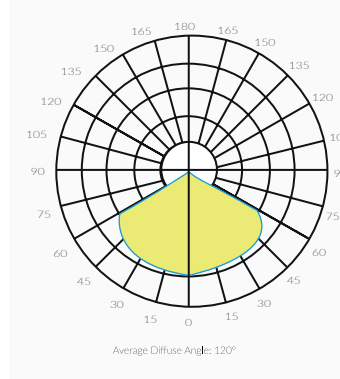
GÖVDE :	Alüminyum Body Aluminium
BOYA:	Elektrostatik Toz Boya Paint Electrostatic Powder Painted
PCB :	Isı İletkenliği Yüksek PCB High Conductive Heat-Resistance PCB

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PHILIPS

TRIDONIC	OSRAM
PLED	PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(λ)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
910 1011 013 6500	13	1404	2700K-6500K	108	0,9	600	80	80	1,00	0,004	1,40	1
910 1011 024 6500	24	2592	2700K-6500K	108	0,9	1000	80	80	1,80	0,007	2,20	1
910 1011 038 6500	38	4104	2700K-6500K	108	0,9	1200	80	80	3,00	0,008	3,40	1

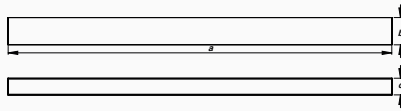
UP VENTA

LED LINEER
AYDINLATMA ARMATÜRLERİ

LED LINEAR
LIGHTINGS LUMINAIRES



EN 60598-2-1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Ekstrüzyon Profil
Body : Aluminium Extrusion Profile

BOYA: : Elektrostatik Toz Boya
Paint : Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

OPTİK : Opal Difüzör
Optic : Opal Diffuser

LED : Mid Power

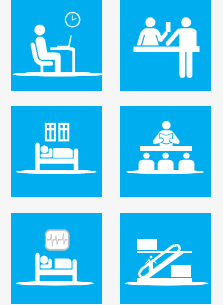
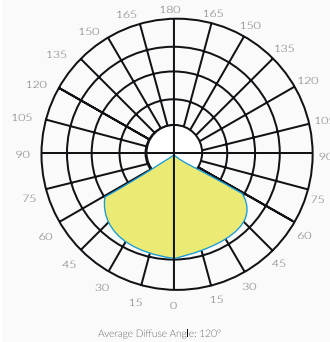
Driver : PHILIPS

TRIDONIC

OSRAM

PLED

PEDAS



	Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(Ʒ)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack	
							A	B	C					
910	8094 018	5585	18	1944	2700K-6500K	108	0,9	600	55	85	1,20	0,003	1,45	1
910	8094 024	5585	24	2592	2700K-6500K	108	0,9	900	55	85	1,80	0,0045	2,10	1
910	8094 040	5585	40	4320	2700K-6500K	108	0,9	1200	55	85	2,40	0,0056	2,75	1
910	8094 060	5585	60	6480	2700K-6500K	108	0,9	1500	55	85	3,00	0,0070	3,45	1
910	8094 018	8585	18	1944	2700K-6500K	108	0,9	600	85	85	1,80	0,0040	2,20	1
910	8094 024	8585	24	2592	2700K-6500K	108	0,9	900	85	85	2,70	0,0085	3,00	1
910	8094 040	8585	40	4320	2700K-6500K	108	0,9	1200	85	85	4,20	0,0110	4,50	1
910	8094 060	8585	60	6480	2700K-6500K	108	0,9	1500	85	85	5,25	0,0126	5,60	1

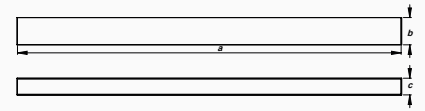
UP URBAN

LED LINEAR
LIGHTINGS LUMINAİRES

LED LINEER
AYDINLATMA ARMATÜRLERİ



EN 60598-2-1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Ekstürüzyon Profil
Body Aluminium Extrusion Profile

OPTİK : Opal Difüzör
Optic Opal Diffuser

BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

LED : Mid Power

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

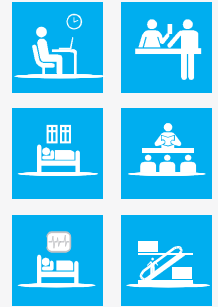
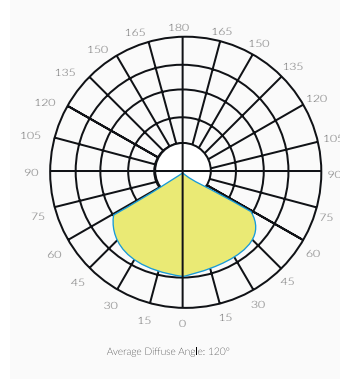
Driver : PHILIPS

TRIDONIC

OSRAM

PLED

PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(γ)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
931 51 153 018 3131 84	18	1944	4000K	108	0,9	600	65	75	1,00	0,0031	1,25	1
931 51 153 018 3131 86	18	1944	6500K	108	0,9	600	65	75	1,00	0,0031	1,25	1
931 51 153 024 3131 84	24	2592	4000K	108	0,9	900	65	75	1,50	0,0046	1,90	1
931 51 153 024 3131 86	24	2592	6500K	108	0,9	900	65	75	1,50	0,0046	1,90	1
931 51 153 040 3131 84	40	4320	4000K	108	0,9	1200	65	75	2,00	0,0061	2,60	1
931 51 153 040 3131 86	40	4320	6500K	108	0,9	1200	65	75	2,00	0,0061	2,60	1
931 51 153 060 3131 84	60	6480	4000K	108	0,9	1500	65	75	2,40	0,0077	3,10	1
931 51 153 060 3131 86	60	6480	6500K	108	0,9	1500	65	75	2,40	0,0077	3,10	1

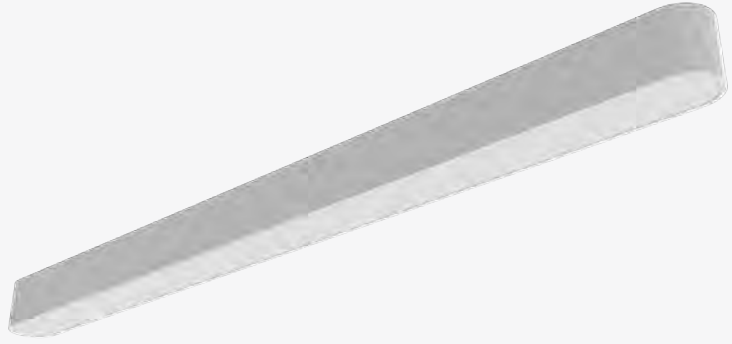
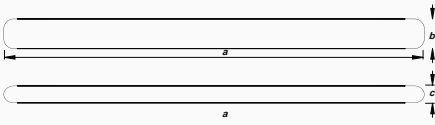
UP DASY

LED LINEER
AYDINLATMA ARMATÜRLERİ

LED LINEAR
LIGHTING LUMINAIRES



EN 60598-2-1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Ekstrüzyon Profil
Body Aluminium Extrusion Profile

BOYA: : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

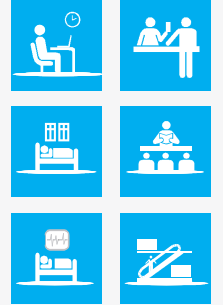
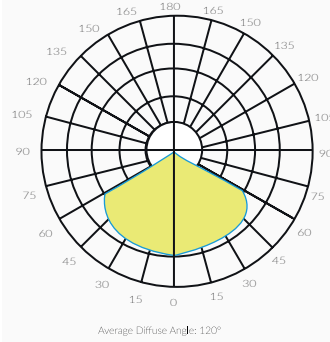
OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PHILIPS

TRIDONIC OSRAM

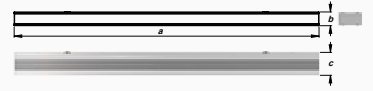
PLED PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
930 8091 022 01	22	2376	2700K-6500K	108	0,9	1000	80	80	2,00	0,007	2,50	1
930 8091 035 01	35	3780	2700K-6500K	108	0,9	1500	80	80	3,00	0,009	3,60	1
930 8091 045 01	45	4860	2700K-6500K	108	0,9	2000	80	80	4,00	0,013	4,70	1



EN 60598-2-1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Ekstrüzyon Profil
Body Aluminium Extrusion Profile

OPTİK : Opal Difüzör
Optic Opal Diffuser

BOYA: Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

LED : Mid Power

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

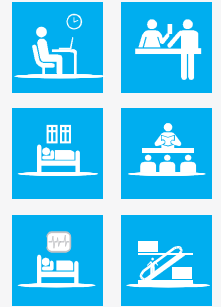
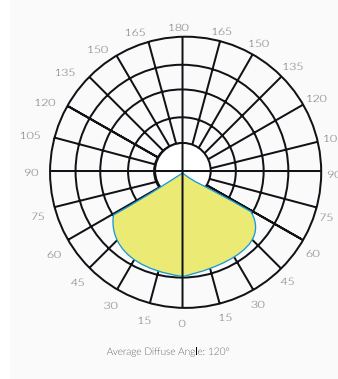
Driver : PHILIPS

TRIDONIC

OSRAM

PLED

PEDAS

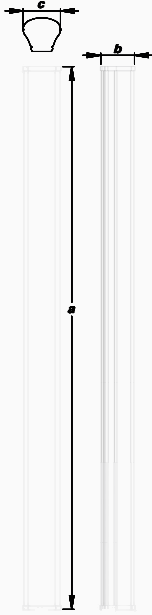


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
931 52 153 018 3131 84	18	1944	4000K	108	0,9	600	53	90	1,02	0,0225	4,40	4
931 52 153 018 3131 86	18	1944	6500K	108	0,9	600	53	90	1,02	0,0225	4,40	4
931 52 153 024 3131 84	24	2592	4000K	108	0,9	900	53	90	1,50	0,0330	6,55	4
931 52 153 024 3131 86	24	2592	6500K	108	0,9	900	53	90	1,50	0,0330	6,55	4
931 52 153 040 3131 84	40	4320	4000K	108	0,9	1200	53	90	2,00	0,0450	8,70	4
931 52 153 040 3131 86	40	4320	6500K	108	0,9	1200	53	90	2,00	0,0450	8,70	4
931 52 153 060 3131 84	60	6480	4000K	108	0,9	1500	53	90	2,50	0,0560	10,90	4
931 52 153 060 3131 86	60	6480	6500K	108	0,9	1500	53	90	2,50	0,0560	10,90	4

BRECO

SIVA ÜSTÜ LED BANT TİPİ AYDINLATMA ARMATÜRLERİ

SURFACE MOUNTED LED BATTEN LIGHTING LUMINAİRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

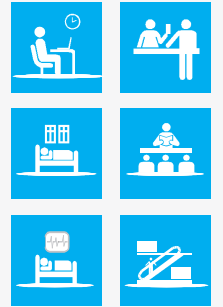
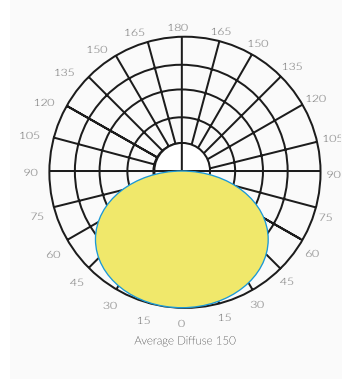
GÖVDE : Polikarbon Ekstrüzyon
Body Polycarbonate Extrusion

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

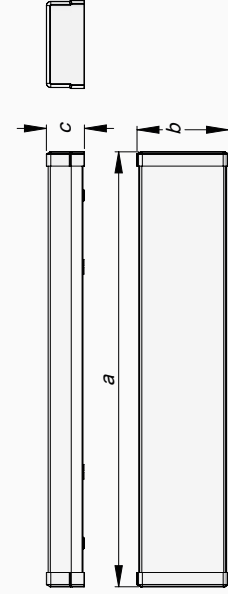
OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PLED



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
932 55 143 004 2271	4	372	2700K-6500K	93	0,9	300	30	20	0,08	0,020	4,00	50
932 55 143 008 2271	8	760	2700K-6500K	95	0,9	600	30	20	0,10	0,035	5,00	50
932 55 143 012 2271	12	1164	2700K-6500K	97	0,9	900	30	20	0,40	0,060	20,00	50
932 55 143 016 2271	16	1552	2700K-6500K	97	0,9	1200	30	20	0,50	0,070	25,00	50



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Metal

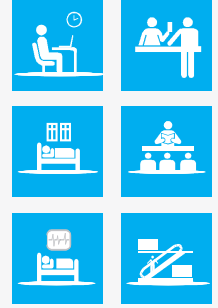
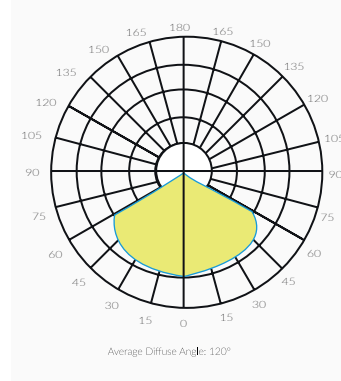
BOYA: Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PHILIPS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
932 50 143 018 3331 84	18	1854	4000K	103	0,9	610	67	85	1,10	0,018	5,00	4
932 50 143 018 3331 86	18	1854	6500K	103	0,9	610	67	85	1,10	0,018	5,00	4
932 50 143 040 3331 84	40	4120	4000K	103	0,9	1210	67	85	2,05	0,055	9,00	4
932 50 143 040 3331 86	40	4120	6500K	103	0,9	1210	67	85	2,05	0,055	9,00	4

CARINA TUBE

SIVA ÜSTÜ LED TÜP
BANT TİPİ AYDINLATMA ARMATÜRLERİ

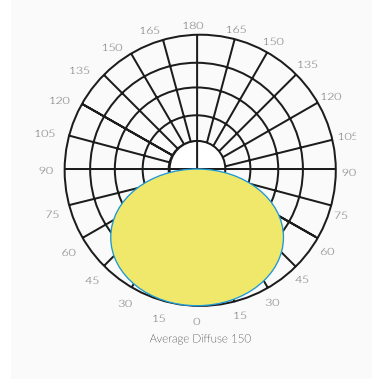
SURFACE MOUNTED LED TUBE
BATTEN TYPE LIGHTING LUMINAİRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

- GÖVDE** : DKP Sac
Body : DKP Sheet Metal
- BOYA:** : Elektrostatik Toz Boya
Paint : Electrostatic Powder Painted
- DUY** : Polikarbon Duy G13
Lamp Holder : Polycarbonate Lamp Holder G13



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
932 51 143 0600 001	10	900	2700K-6500K	90	0,9	620	80	60	0,50	0,025	6,50	12
932 51 143 0600 002	20	1800	2700K-6500K	90	0,9	620	105	75	0,55	0,025	7,00	12
932 51 143 0120 001	20	1800	2700K-6500K	90	0,9	1225	80	60	0,70	0,028	6,00	8
932 51 143 0120 002	40	3600	2700K-6500K	90	0,9	1225	105	75	1,20	0,028	10,00	8
932 51 143 0150 001	24	2160	2700K-6500K	90	0,9	1530	80	60	1,60	0,035	10,00	6
932 51 143 0150 002	48	4320	2700K-6500K	90	0,9	1530	105	75	1,70	0,035	10,50	6

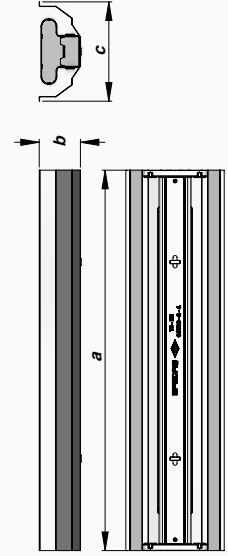
CARINA TUBE R

SURFACE MOUNTED LED TUBE
WITH REFLECTOR BATTEN TYPE
LIGHTING LUMINAIRE

SIVA ÜSTÜ LED TÜP REFLEKTÖRLÜ
BANT TİPİ AYDINLATMA
ARMATÜRLERİ



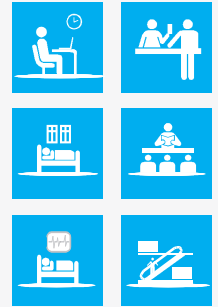
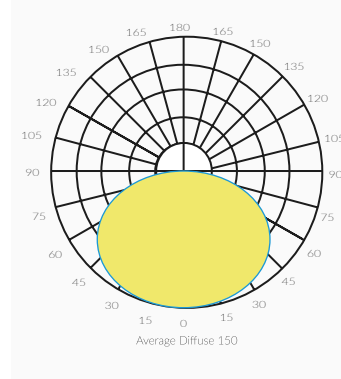
EN 60598-2-1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE Body	: DKP Sac DKP Sheet Metal
BOYA: Paint	: Elektrostatik Toz Boya Electrostatic Powder Painted
Duy Lamp Holder	: Polikarbon Duy G13 Polycarbonate Lamp Holder G13



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
932 53 143 0600 001	10	900	2700K-6500K	90	0,9	620	80	60	0,50	0,025	6,50	12
932 53 143 0600 002	20	1800	2700K-6500K	90	0,9	620	105	75	0,55	0,025	7,00	12
932 53 143 0120 001	20	1800	2700K-6500K	90	0,9	1225	80	60	0,70	0,028	6,00	8
932 53 143 0120 002	40	3600	2700K-6500K	90	0,9	1225	105	75	1,20	0,028	10,00	8
932 53 143 0150 001	24	2160	2700K-6500K	90	0,9	1530	80	60	1,60	0,035	10,00	6
932 53 143 0150 002	48	4320	2700K-6500K	90	0,9	1530	105	75	1,70	0,035	10,50	6

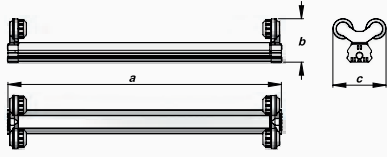
CARINA 65 TUBE

SIVA ÜSTÜ LED TÜP ETANJ DUYLU
BANT TİPİ AYDINLATMA
ARMATÜRLERİ

SURFACE MOUNTED LED TUBE WATERPROOF
LAMP HOLDER BATTEN TYPE
LIGHTING LUMINAIRES



EN 60598-2-1



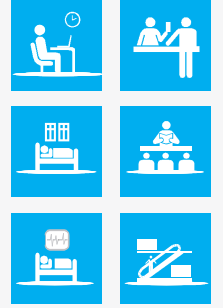
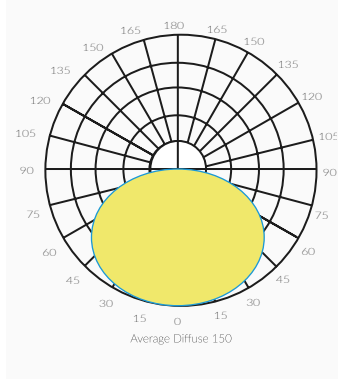
ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

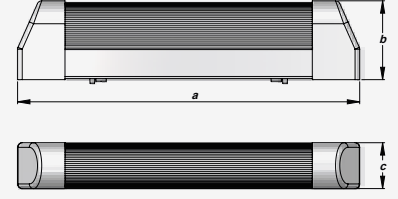
GÖVDE : DKP Sac
Body : DKP Sheet Metal

BOYA: : Elektrostatik Toz Boya
Paint : Electrostatic Powder Painted

DUY : Contalı Etanj Duy G13
Lamp Holder : Waterproof Lamp Holder With Gasket, G13



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
932 52 143 0600 001	10	900	2700K-6500K	90	0,9	620	80	60	1,10	0,030	7,00	6
932 52 143 0600 002	20	1800	2700K-6500K	90	0,9	620	105	60	1,20	0,050	7,50	6
932 52 143 0120 001	20	1800	2700K-6500K	90	0,9	1225	80	75	1,45	0,060	9,00	6
932 52 143 0120 002	40	3600	2700K-6500K	90	0,9	1225	105	60	1,60	0,060	10,00	6
932 52 143 0150 001	24	2160	2700K-6500K	90	0,9	1530	80	75	1,95	0,075	12,00	6
932 52 143 0150 002	48	4320	2700K-6500K	90	0,9	1530	105		2,10	0,075	13,00	6

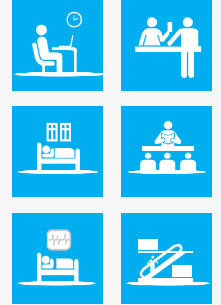
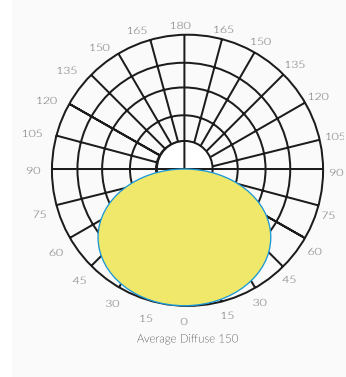


ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE :	Alüminyum Ekstrüzyon Aluminium Extrusion
BOYA:	Elektrostatik Toz Boya Electrostatic Powder Painted
PCB :	Isı İletkenliği Yüksek PCB High Conductive Heat-Resistance PCB

OPTİK :	Opal Difüzör Opal Diffuser
LED :	Mid Power
Driver :	PLED



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
932 54 143 018 2271 84	18	1620	4000K	1620	0,9	600	695	27	0,40	0,028	8,50	20
932 54 143 018 2271 86	18	1620	6500K	1620	0,9	600	695	27	0,40	0,028	8,50	20
932 54 143 036 2271 84	36	3312	4000K	3312	0,9	1200	695	27	0,75	0,110	17,00	20
932 54 143 036 2271 86	36	3312	6500K	3312	0,9	1200	695	27	0,75	0,110	17,00	20

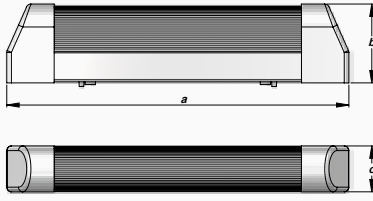
MIRROR TUBE

LED AYNA ÜSTÜ
AYDINLATMA ARMATÜRLERİ

LED MIRROR
LIGHTING LUMINAIRES



EN 60598-2-1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Metal

BOYA: : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

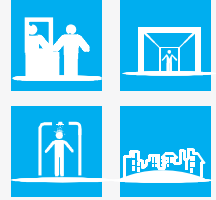
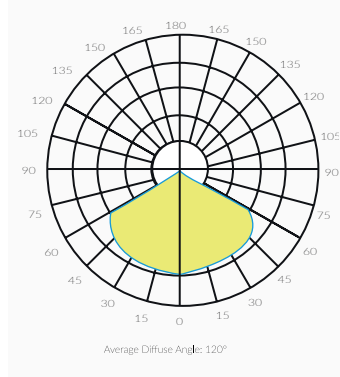
OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PHILIPS

TRIDONIC OSRAM

PLED PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
933 00 143 009 3331 84	9	927	4000K	103	0,9	642	44,5	76,5	0,8	0,02	3,5	4
933 00 143 009 3331 86	9	927	6500K	103	0,9	642	44,5	76,5	0,8	0,02	3,5	4
933 00 143 018 3331 84	18	1854	4000K	103	0,9	1280	44,5	76,5	1,7	0,038	7	4
933 00 143 018 3331 86	18	1854	6500K	103	0,9	1280	44,5	76,5	1,7	0,038	7	4

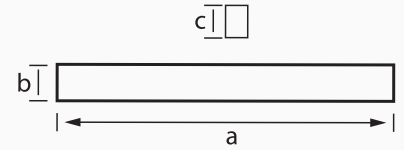
LED BAR

LED BAR
LIGHTING LUMINAİRES

LED BAR AYDINLATMA
ARMATÜRLERİ



EN 60598-2-1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum
Body Aluminium

BOYA: : Elokسال
Paint Eloxal

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

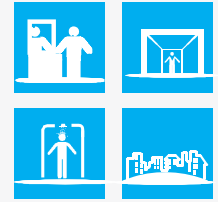
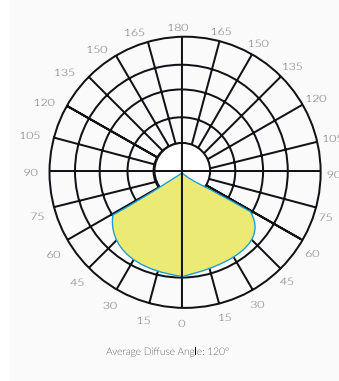
OPTİK : Şeffaf & Opal Difüzör
Optic Transparent & Opal Difuser

LED : Mid Power

Driver : **PHILIPS** **MEAN WELL**

TRIDONIC **OSRAM**

PLED **PEDAS**



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü (lm/w)	LED Adeti LED Qty.	Boyutlar Dimensions (mm)			Şekil Shape	Gerilim Voltage VDC
						A	B	C		
933 50 143 024 31	24	2472	2700K-6500K	103	60	1000	20	20	▲	24
933 51 143 024 31	24	2472	2700K-6500K	103	60	1000	18	18	▲	24
933 52 143 024 31	24	2472	2700K-6500K	103	60	1000	25	25	●	24
933 53 143 024 31	24	2472	2700K-6500K	103	120	1000	20	20	▲	24
933 54 143 024 31	24	2472	2700K-6500K	103	120	1000	18	18	▲	24
933 55 143 024 31	24	2472	2700K-6500K	103	120	1000	25	25	●	24

CLEAN ROOM LIGHTING LUMINAIRES

STERİL ORTAM ARMATÜRLERİ

- 66 - FAVOR CLEAN
- 67 - UP FAVOR CLEAN
- 68 - NEGATOSKOP
- 69 - UP NEGATOSKOP

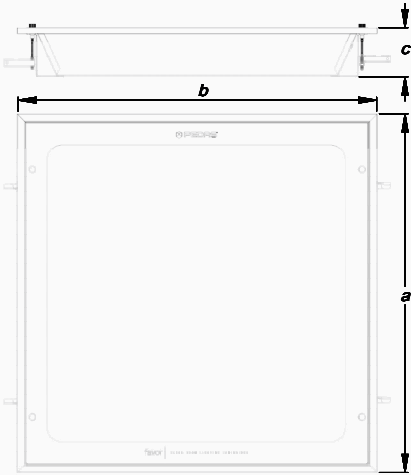


FAVOR
CLEAN

FAVOR CLEAN

SIVA ALTI STERİL BACKLIGHT LED AYDINLATMA ARMATÜRLERİ

RECESSED MOUNTED CLEANROOM BACKLIGHT LED LIGHTING LUMINAİRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Metal

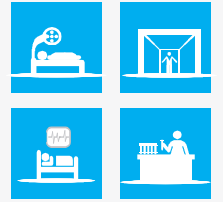
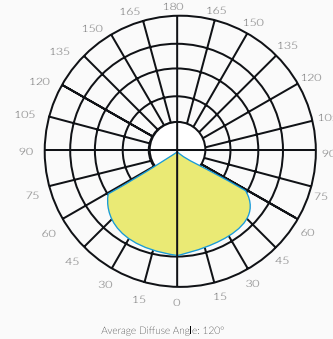
BOYA: : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

OPTİK : Opal Difüzör&Temperli
Optic Cam
Opal Diffuser&Tempered Glass

LED : Mid Power

Driver : **PHILIPS TRIDONIC**

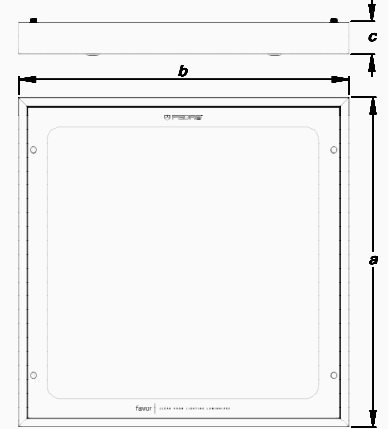
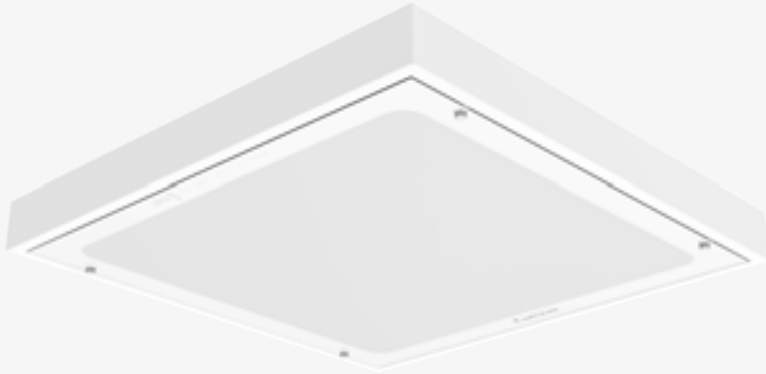


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Colour	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(Ʒ)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
934 00 111 018 3331 84	18	1872	4000K	104	0,9	295	295	70	3,60	0,011	4,00	1
934 00 111 018 3331 86	18	1872	6500K	104	0,9	295	295	70	3,60	0,011	4,00	1
934 00 114 024 3331 84	24	2496	4000K	104	0,9	295	595	70	7,00	0,021	7,50	1
934 00 114 024 3331 86	24	2496	6500K	104	0,9	295	595	70	7,00	0,021	7,50	1
934 00 114 040 3331 84	40	4160	4000K	104	0,9	295	1195	70	7,00	0,046	7,50	1
934 00 114 040 3331 86	40	4160	6500K	104	0,9	295	1195	70	7,00	0,046	7,50	1
934 00 111 033 4231 84	33	3432	4000K	104	0,9	595	595	70	7,00	0,042	7,50	1
934 00 111 033 4231 86	33	3432	6500K	104	0,9	595	595	70	7,00	0,042	7,50	1
934 00 114 066 3231 84	66	6864	4000K	104	0,9	595	1195	70	14,00	0,083	15,00	1
934 00 114 066 3231 86	66	6864	6500K	104	0,9	595	1195	70	14,00	0,083	15,00	1

UP FAVOR CLEAN

SURFACE MOUNTED CLEANROOM
BACKLIGHT LED LIGHTING LUMINAIRE

SIVA ÜSTÜ STERİL BACKLIGHT LED
AYDINLATMA ARMATÜRLERİ



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Metal

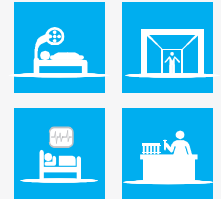
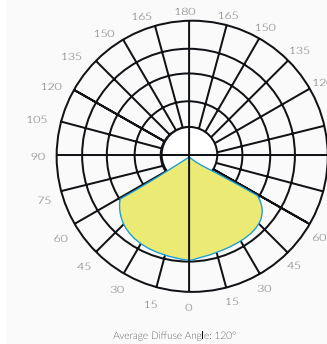
BOYA: : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

OPTİK : Opal Difüzör&Temperli
Optic Cam
Opal Diffuser&Tempered Glass

LED : Mid Power

Driver : PHILIPS TRIDONIC

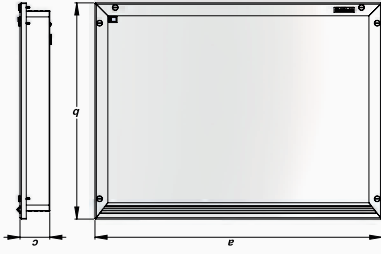


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
934 00 141 018 3331 84	18	1872	4000K	104	0,9	300	300	70	3,60	0,011	4,00	1
934 00 141 018 3331 86	18	1872	6500K	104	0,9	300	300	70	3,60	0,011	4,00	1
934 00 144 024 3331 84	24	2496	4000K	104	0,9	300	600	70	7,00	0,021	7,50	1
934 00 144 024 3331 86	24	2496	6500K	104	0,9	300	600	70	7,00	0,021	7,50	1
934 00 144 040 3331 84	40	4160	4000K	104	0,9	300	1200	70	7,00	0,046	7,50	1
934 00 144 040 3331 86	40	4160	6500K	104	0,9	300	1200	70	7,00	0,046	7,50	1
934 00 141 033 4231 84	33	3432	4000K	104	0,9	600	600	70	7,00	0,042	7,50	1
934 00 141 033 4231 86	33	3432	6500K	104	0,9	600	600	70	7,00	0,042	7,50	1
934 00 144 066 3231 84	66	6864	4000K	104	0,9	600	1200	70	14,00	0,083	15,00	1
934 00 144 066 3231 86	66	6864	6500K	104	0,9	600	1200	70	14,00	0,083	15,00	1

NEGATOSKOP

SIVA ALTI NEGATOSKOP BACKLIGHT LED AYDINLATMA ARMATÜRLERİ

RECESSED MOUNTED NEGATOSCOPE BACKLIGHT LED LIGHTING LUMINAİRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Metal

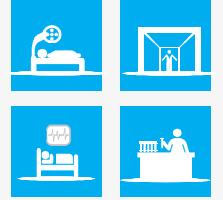
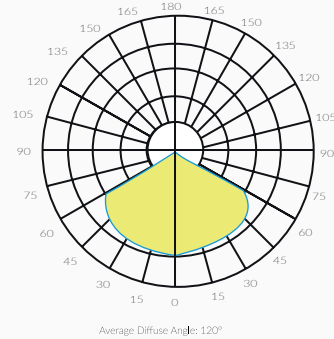
BOYA: : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : **PHILIPS** TRIDONIC

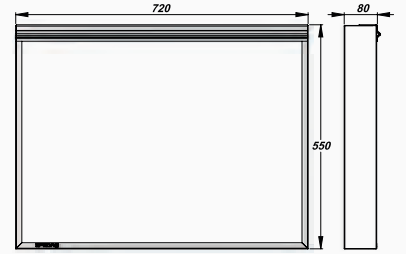


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Kesim Ölçüsü Cut Size	Güç Faktörü Power Factor(ξ)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
							A	B	C				
934 01 121 040 4231 84	40	4360	4000K	109	575*575	0,9	595	595	70	3,30	0,061	7,20	2
934 01 121 040 4231 86	40	4360	6500K	109	575*575	0,9	595	595	70	3,30	0,061	7,20	2
934 01 124 075 3231 84	75	8175	4000K	109	575*1175	0,9	595	1195	70	7,20	0,122	16,40	2
934 01 124 075 3231 86	75	8175	6500K	109	575*1175	0,9	595	1195	70	7,20	0,122	16,40	2

UP NEGATOSKOP

SURFACE MOUNTED NEGATOSCOPE
BACKLIGHT LED PANEL LUMINAİRES

SİVA ÜSTÜ NEGATOSKOP BACKLIGHT
LED AYDINLATMA ARMATÜRLERİ



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Metal

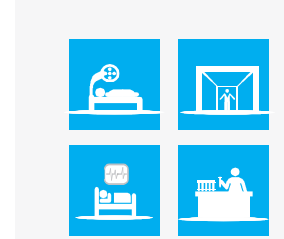
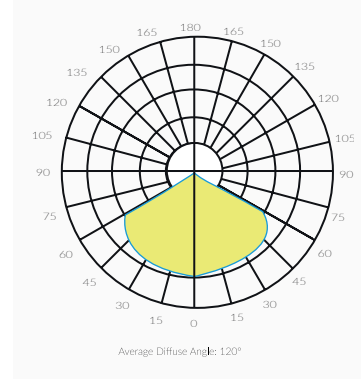
BOYA: Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PHILIPS TRIDONIC



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
934 01 141 040 4231 84	40	4360	4000K	109	0,9	600	600	70	3,50	0,061	7,60	2
934 01 141 040 4231 86	40	4360	6500K	109	0,9	600	600	70	3,50	0,061	7,60	2
934 01 144 075 3231 84	75	8175	4000K	109	0,9	600	1200	70	7,40	0,122	16,40	2
934 01 144 075 3231 86	75	8175	6500K	109	0,9	600	1200	70	7,40	0,122	16,40	2

DOWNLIGHT & SPOT LUMINAIRES

DOWNLIGHT VE SPOT ARMATÜRLER

72	- STARK	80	- LATINA	89	- LESA	98	- GALON
73	- STARK IP54	81	- SERA	91	- SAMBA	99	- BELISA
74	- STARK DEEP	82	- ESSE	92	- UP MEGA		
75	- UP STARK	84	- SIENTO	93	- RUMBA		
76	- BELLO	85	- LISSE	94	- ELİS		
77	- ETNA	86	- MELLY	95	- MARCY		
78	- SELON	87	- ROYAL	96	- GENOVA		
79	- MEST	88	- MEGA	97	- PLANET		

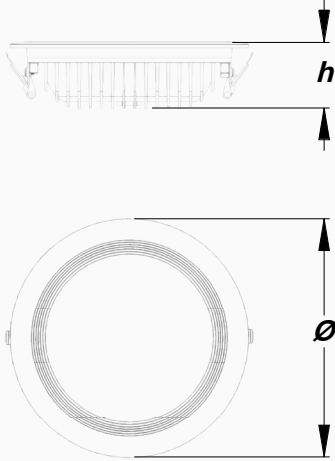


STARK
DEEP

STARK

BACKLIGHT DOWNLIGHT LED AYDINLATMA ARMATÜRÜ

BACKLIGHT DOWNLIGHT LED LIGHTING LUMINAİRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE Body	: Alüminyum Döküm Aluminium Die-Cast
BOYA: Paint	: Elektrostatik Toz Boya Electrostatic Powder Painted
PCB	: Isı İletkenliği Yüksek PCB High Conductive Heat- Resistance PCB

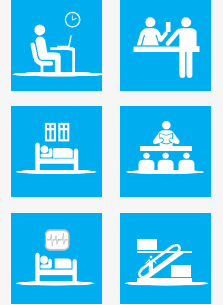
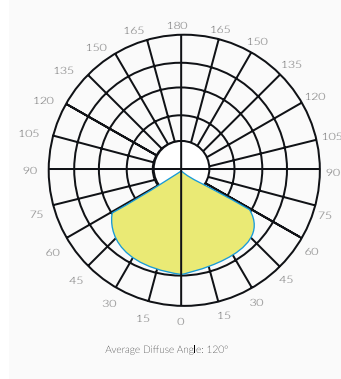
OPTİK : Opal Difüzör
Optic : Opal Diffuser

LED : Mid Power

Driver : **PHILIPS**

TRIDONIC **OSRAM**

PLED **PEDAS**

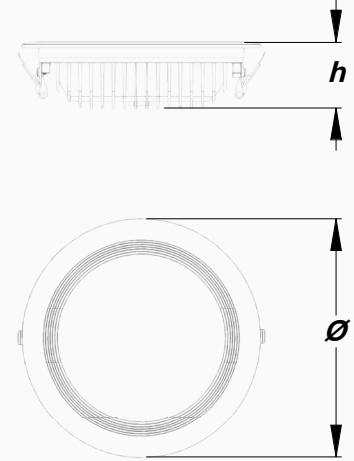


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Kesim Ölçüsü Cut Size	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)		Hacim Volume (m³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack
							Ø	h			
934 50 122 010 3331	9,2	1026	2700K-6500K	Ø98	111	0,9	110	46	0,0017	0,25	1
934 51 122 015 3331	15,0	1667	2700K-6500K	Ø115	111	0,9	134	52	0,0017	0,34	1
934 52 122 020 3331	21,5	2445	2700K-6500K	Ø163	114	0,9	195	61	0,0041	0,72	1
934 53 122 030 3331	30,0	3333	2700K-6500K	Ø198	111	0,9	275	65	0,0065	0,93	1

STARK IP54

BACKLIGHT DOWNLIGHT
LED LIGHTING LUMINAİRES

BACKLIGHT DOWNLIGHT
LED AYDINLATMA ARMATÜRÜ



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Döküm
Body Aluminium Die-Cast

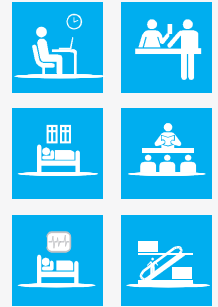
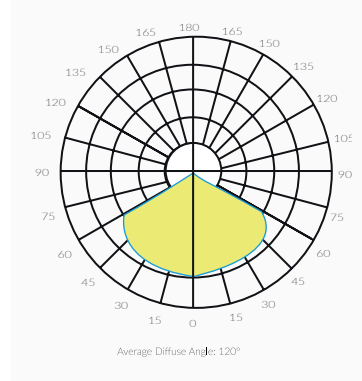
BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PHILIPS

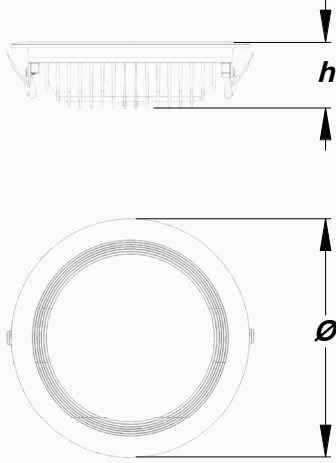


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Kesim Ölçüsü Cut Size	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(±)	Boyutlar Dimensions (mm)		Hacim Volume (m³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack
							Ø	h			
934 54 122 010 3331	9,2	1026	2700K-6500K	98	111	0,9	110	46	0,0017	0,265	1
934 55 122 015 3331	15,0	1667	2700K-6500K	115	111	0,9	134	52	0,0017	0,354	1
934 56 122 020 3331	21,5	2445	2700K-6500K	163	114	0,9	195	61	0,0041	0,730	1
934 57 122 030 3331	30,0	3333	2700K-6500K	198	111	0,9	275	65	0,0065	1,000	1

STARK DEEP

BACKLIGHT DOWNLIGHT
AYDINLATMA ARMATÜRÜ

BACKLIGHT DOWNLIGHT
LIGHTING LUMINAİRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Döküm
Body : Aluminium Die-Cast

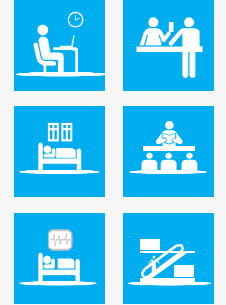
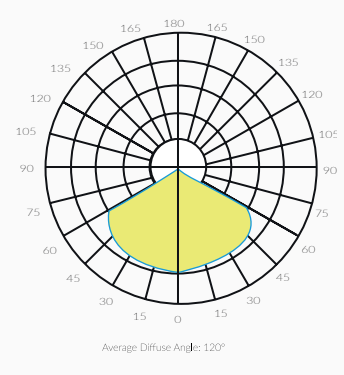
BOYA: : Elektrostatik Toz Boya
Paint : Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

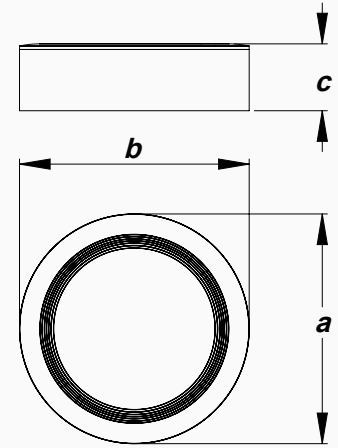
OPTİK : Opal Difüzör
Optic : Opal Diffuser

LED : Mid Power

Driver : PHILIPS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Kesim Ölçüsü Cut Size	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(±)	Boyutlar Dimensions (mm)		Hacim Volume (m³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack
							Ø	h			
934 58 122 010 3331	9,2	1026	2700K-6500K	Ø115	111	0,9	134	66	0,020	0,27	1
934 59 122 015 3331	15,0	1667	2700K-6500K	Ø163	111	0,9	195	72	0,020	0,37	1
934 60 122 020 3331	21,5	2445	2700K-6500K	Ø198	114	0,9	275	81	0,060	0,80	1
934 61 122 030 3331	30,0	3333	2700K-6500K	Ø227	111	0,9	275	85	0,080	1,10	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Döküm
Body Aluminium Die-Cast

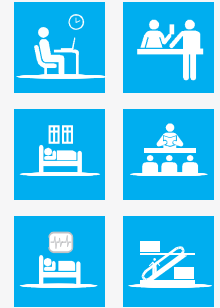
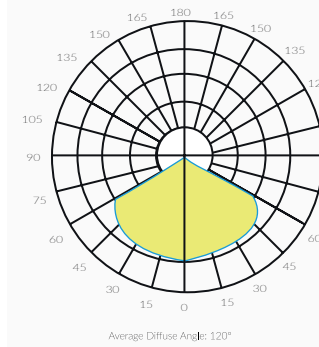
BOYA: Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PLED

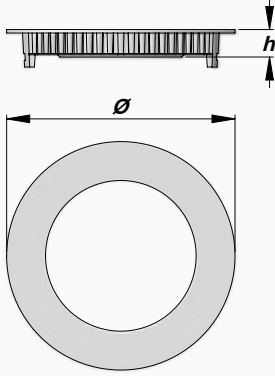


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Kesim Ölçüsü Cut Size	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(Ʒ)	Boyutlar Dimensions (mm)		Hacim Volume (m ³)	Ağırlık Koli Weight PCK (Kg)	Koli İç Adedi Pcs/Pack
							Ø	h			
934 50 142 010 3331	9,2	1026	2700K-6500K	Ø98	111	0,9	110	80	0,0019	0,35	1
934 51 142 015 3331	15,0	1667	2700K-6500K	Ø115	111	0,9	134	100	0,0019	0,45	1
934 52 142 020 3331	21,5	2445	2700K-6500K	Ø163	114	0,9	195	100	0,0044	0,90	1
934 53 142 030 3331	30,0	3333	2700K-6500K	Ø198	111	0,9	275	100	0,0070	1,20	1

BELLO

SIVA ALTI SLIM DOWNLIGHT LED PANEL AYDINLATMA ARMATÜRLERİ

RECESSED MOUNTED SLIM DOWNLIGHT LED PANEL LUMINAİRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Döküm
Body Aluminium Die-Cast

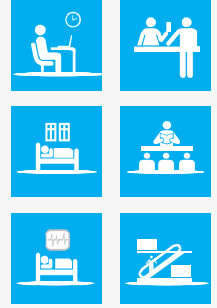
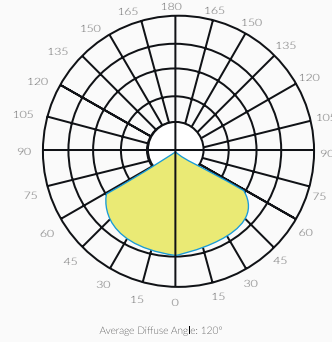
BOYA: Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

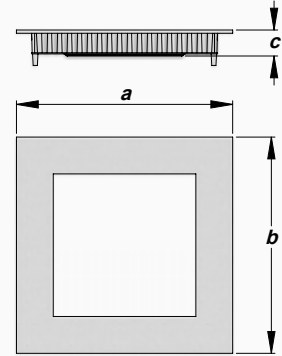
Driver : PHILIPS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Kesim Ölçüsü Cut Size	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(±)	Boyutlar Dimensions (mm)		Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight Pck (Kg)	Koli İç Adedi Pcs/Pack
							Ø	h				
934 90 122 003 2171	3	252	2700K-6500K	Ø72	84	0,6	85	10	0,89	0,0606	10,96	100
934 90 122 006 2171	6	504	2700K-6500K	Ø104	84	0,6	120	10	0,149	0,0848	17,35	100
934 90 122 009 2171	9	756	2700K-6500K	Ø130	84	0,6	145	10	0,190	0,0811	13,30	60
934 90 122 012 2171	12	1008	2700K-6500K	Ø154	84	0,6	174	10	0,275	0,114	12,67	40
934 90 122 015 2171	15	1260	2700K-6500K	Ø180	84	0,6	200	10	0,300	0,1111	14,14	40
934 90 122 018 2171	18	1512	2700K-6500K	Ø201	84	0,6	225	10	0,370	0,0927	8,71	20
934 90 122 024 2171	24	2016	2700K-6500K	Ø274	84	0,6	300	10	0,695	0,083	8,00	10

RECESSED MOUNTED SLIM DOWNLIGHT LED PANEL LUMINAİRES

SİVA ALTI SLIM DOWNLIGHT LED PANEL AYDINLATMA ARMATÜRLERİ



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Döküm
Body Aluminium Die-Cast

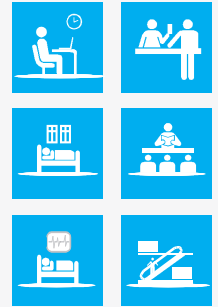
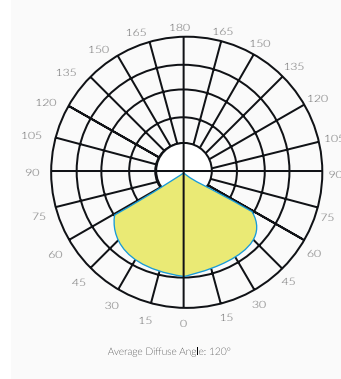
BOYA: Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PHILIPS

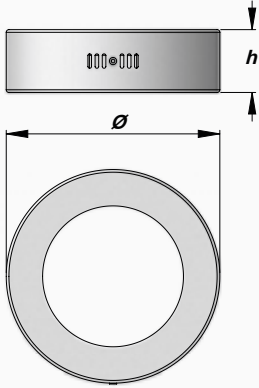


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Kesim Ölçüsü Cut Size	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight Pck (Kg)	Koli İç Adedi Pcs/Pack
							A	B	C				
934 90 121 003 2171	3	252	2700K-6500K	74x74	84	0,6	85	85	10	0,98	0,0606	11,86	100
934 90 121 006 2171	6	504	2700K-6500K	106x106	84	0,6	120	120	10	0,170	0,0848	19,45	100
934 90 121 009 2171	9	756	2700K-6500K	134x134	84	0,6	145	145	10	0,230	0,0811	15,70	60
934 90 121 012 2171	12	1008	2700K-6500K	154x154	84	0,6	174	174	10	0,296	0,1140	13,51	40
934 90 121 015 2171	15	1260	2700K-6500K	182x182	84	0,6	200	200	10	0,376	0,1111	17,18	40
934 90 121 018 2171	18	1512	2700K-6500K	205x205	84	0,6	225	225	10	0,480	0,0927	10,91	20
934 90 121 024 2171	24	2016	2700K-6500K	276x276	84	0,6	300	300	10	0,892	0,083	9,97	10

SELON

SIVA ÜSTÜ SLIM DOWNLIGHT LED PANEL AYDINLATMA ARMATÜRLERİ

SURFACE MOUNTED SLIM DOWNLIGHT LED PANEL LUMINAİRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Döküm
Body Aluminium Die-Cast

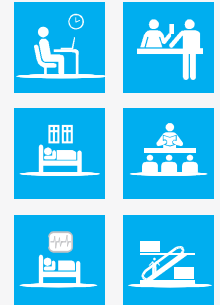
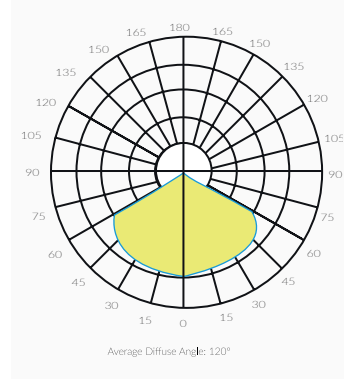
BOYA: Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

PCB : Isı İletkenliği Yüksek PCB
High Conductive
Heat-Resistance PCB

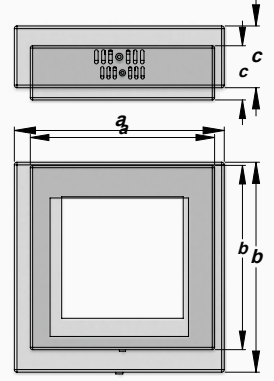
OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PHILIPS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Efficiency (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)		Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weightpck (Kg)	Koli İç Adedi Pcs/Pack
						Ø	h				
934 90 142 006 2171	6	504	2700K-6500K	84	0,6	120	39	0,226	0,0848	15,26	60
934 90 142 012 2171	12	1008	2700K-6500K	84	0,6	174	39	0,399	0,114	18,06	40
934 90 142 018 2171	18	1512	2700K-6500K	84	0,6	225	39	0,552	0,0927	12,3	20
934 90 142 024 2171	24	2016	2700K-6500K	84	0,6	300	39	0,827	0,083	9,39	10



ARMATÜR ÖZELLİKLERİ

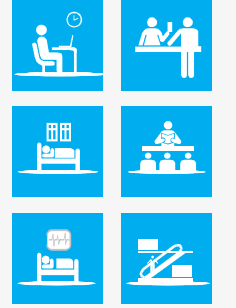
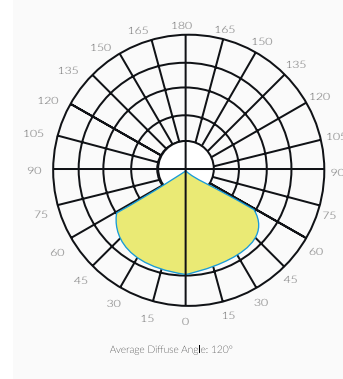
Specifications of Luminaire

GÖVDE :	Alüminyum Döküm Body Aluminium Die-Cast
BOYA:	Elektrostatik Toz Boya Paint Electrostatic Powder Painted
PCB :	Isı İletkenliği Yüksek PCB High Conductive Heat-Resistance PCB

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

Driver : PHILIPS

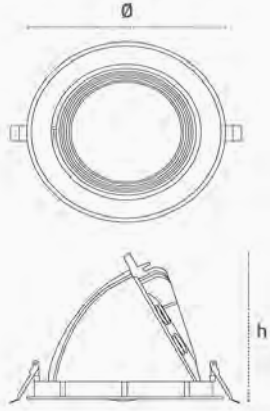
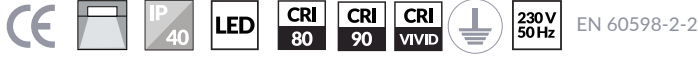


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight Pck (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
934 90 141 006 2171	6	504	2700K-6500K	84	0,6	120	120	39	0,255	0,0848	17	60
934 90 141 012 2171	12	1008	2700K-6500K	84	0,6	174	174	39	0,471	0,114	20,94	40
934 90 141 018 2171	18	1512	2700K-6500K	84	0,6	225	225	39	0,718	0,0927	15,62	20
934 90 141 024 2171	24	2016	2700K-6500K	84	0,6	300	300	39	1,034	0,083	11,46	10

LATINA

SIVA ALTI LED SPOT ARMATÜRLER

RECESSED LED SPOT LIGHTING LUMINAIRES

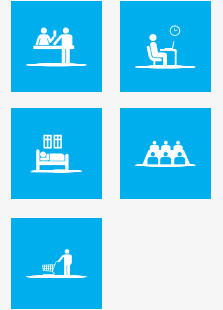
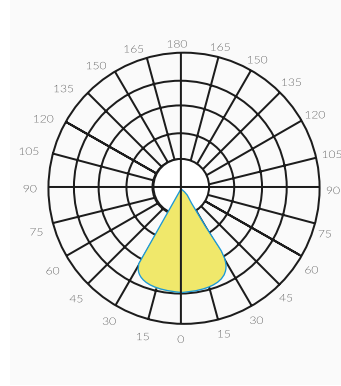


ARMATÜR ÖZELLİKLERİ

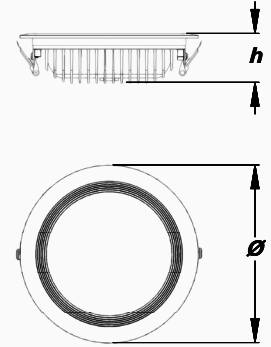
Specifications of Luminaire

- GÖVDE :** Alüminyum Döküm
Body Aluminium Die-cast
- BOYA :** Elektrostatik Toz Boya
Paint Electrostatic Powder Painted
- OPTİK :** Alüminyum Reflektör
Optic Aluminium Reflector
- CAM :** Cam & PMMA
Diffuser Glass & PMMA

- LED :** COB
- Driver :** PHILIPS
TRIDONIC OSRAM
PLED PEDAS



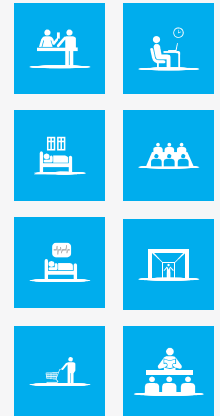
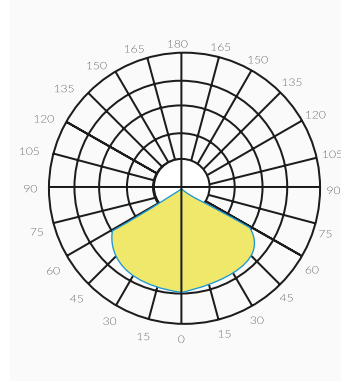
Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)		Kesim Ölçüsü Cutting Size(mm)	Ağırlık (Koli) Weight (Box) (Kg)	Hacim Volume (m³)	Adet/Koli Pieces/Box
					Ø	h				
910 02 13 010 6500	10	1220	122	2700K-6500K	185	150	160	1,4	0,00621	1
910 02 13 020 6500	20	2440	122	2700K-6500K	185	150	160	1,4	0,00621	1
910 02 13 030 6500	30	3660	122	2700K-6500K	185	150	160	1,4	0,00621	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Enjeksiyon Body Aluminium Injection	LED : SMD
BOYA : Elektrostatik Toz Boya Paint Electrostatic Powder Painted	PCB : Isı İletkenliği Yüksek PCB High Conductive Heat-Resistance PCB
OPTİK : Alüminyum Reflektör Optic Aluminium Reflector	Driver :
CAM : Cam & PMMA Diffuser Glass & PMMA	

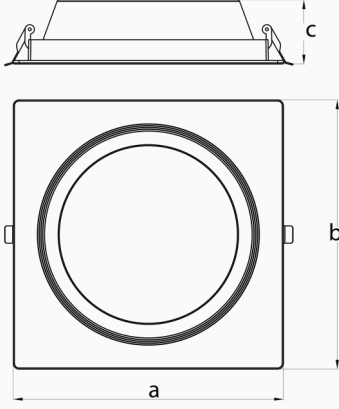


Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)		Kesim Ölçüsü Cutting Size(mm)	Ağırlık (Koli) Weight (Box) (Kg)	Hacim Volume (m ³)	Adet/Koli Pieces/Box
					ø	h				
9101020046500	4	480	120	2700K-6500K	95	100	85	0,35	0,0012	1
9101020066500	6	720	120	2700K-6500K	117	100	105	0,45	0,0020	1
9101020096500	9	1080	120	2700K-6500K	148	100	130	0,55	0,0031	1
9101020126500	12	1440	120	2700K-6500K	175	100	160	0,63	0,0048	1
9101020156500	15	1800	120	2700K-6500K	198	100	180	0,71	0,0058	1
9101020186500	18	2160	120	2700K-6500K	235	110	210	0,90	0,0088	1

ESSE

SIVA ALTI LED SPOT ARMATÜRLER

RECESSED LED SPOT LIGHTING LUMINAIRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Enjeksiyon
Body Aluminium Injection

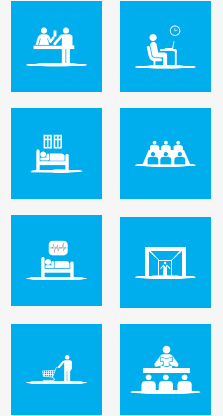
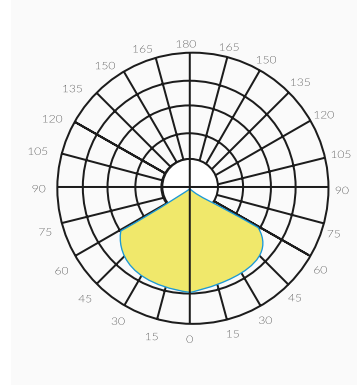
BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

OPTİK : Alüminyum Reflektör
Optic Aluminium Reflector

CAM : Cam & PMMA
Diffuser Glass & PMMA

LED : COB

Driver : PHILIPS



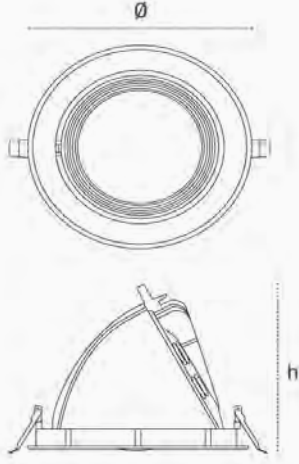
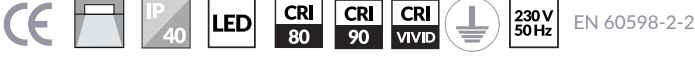
Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Kesim Ölçüsü Cutting Size(mm)	Ağırlık (Koli) Weight (Box) (Kg)	Hacim Volume (m³)	Adet/Koli Pieces/Box
					a	b	c				
910 01 09 004 6500	4	480	120	2700K-6500K	95	95	100	85	350	0,0012	1
910 01 09 006 6500	6	720	120	2700K-6500K	117	117	100	105	450	0,0020	1
910 01 09 009 6500	9	1080	120	2700K-6500K	148	148	100	130	550	0,0031	1
910 01 09 012 6500	12	1440	120	2700K-6500K	175	175	100	160	630	0,0048	1
910 01 09 015 6500	15	1800	120	2700K-6500K	198	198	100	180	710	0,0058	1
910 01 09 018 6500	18	2160	120	2700K-6500K	235	235	110	210	900	0,0088	1



SIENTO

SIVA ALTI LED SPOT
ARMATÜRLER

RECESSED LED SPOT
LIGHTING LUMINAIRES



ARMATÜR ÖZELLİKLERİ

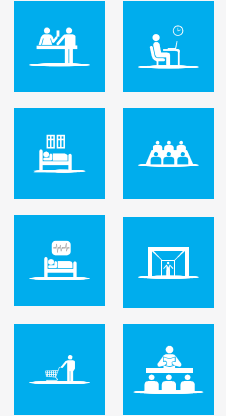
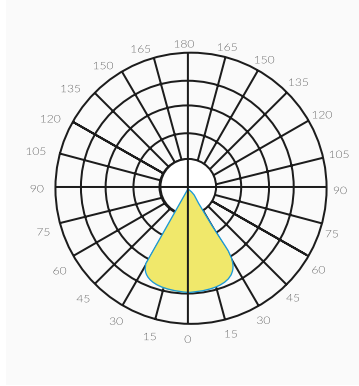
Specifications of Luminaire

GÖVDE : Polimer Gövde
Body : Polymer Body

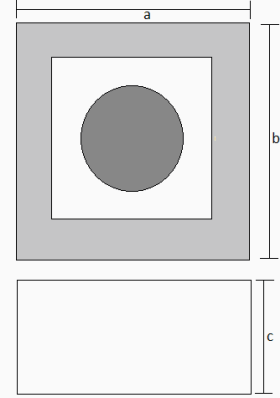
CAM : Cam & PMMA
Diffuser : Glass & PMMA

LED : COB

Driver : **PHILIPS**
 TRIDONIC **OSRAM**
 PLED **PEDAS**



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)		Kesim Ölçüsü Cutting Size(mm)	Ağırlık (Koli) Weight (Box) (Kg)	Hacim Volume (m ³)	Adet/Koli Pieces/Box
					Ø	h				
910 01 07 005 1 6500	5	600	120	2700K-6500K	100	60	82	0,29	0,0010	1
910 01 07 005 1 6500	10	1000	120	2700K-6500K	100	60	82	0,15	0,0010	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

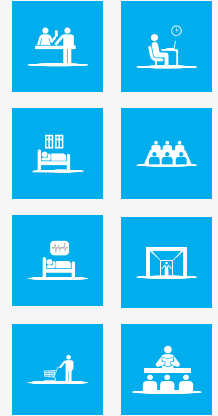
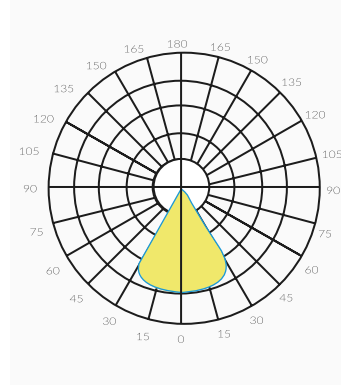
GÖVDE : DKP Sac
Body DKP Sheet Body

BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

CAM : Cam & PMMA
Diffuser Glass & PMMA

LED : COB

Driver : PHILIPS
TRIDONIC OSRAM
PLED PEDAS

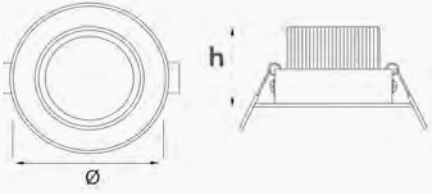


Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Kesim Ölçüsü Cutting Size(mm)	Ağırlık (Koli) Weight (Box) (Kg)	Hacim Volume (m³)	Adet/Koli Pieces/Box	
					a	b	c					
910 01 06 005	6500	5	600	120	2700K-6500K	120	120	100	100*100	0,67	0,002	1
910 01 06 010	6500	10	1200	120	2700K-6500K	220	120	100	195*100	1,14	0,004	1
910 01 06 010	6500	10	1200	120	2700K-6500K	120	120	100	100*100	0,71	0,002	1
910 01 06 020	6500	20	2400	120	2700K-6500K	220	120	100	195*100	1,22	0,004	1

MELLY

SIVA ALTI LED SPOT ARMATÜRLER

RECESSED LED SPOT LIGHTING LUMINAIRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Enjeksiyon
Body Aluminium Injection

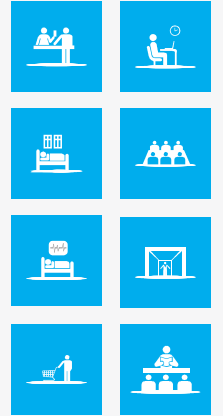
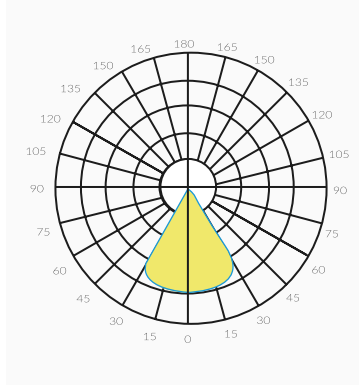
BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

OPTİK : Alüminyum Reflektör
Optic Aluminium Reflector

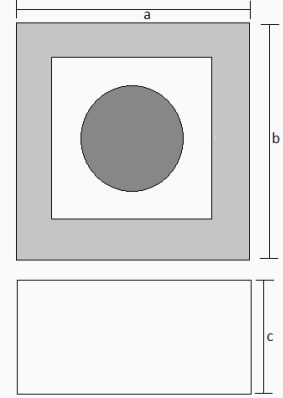
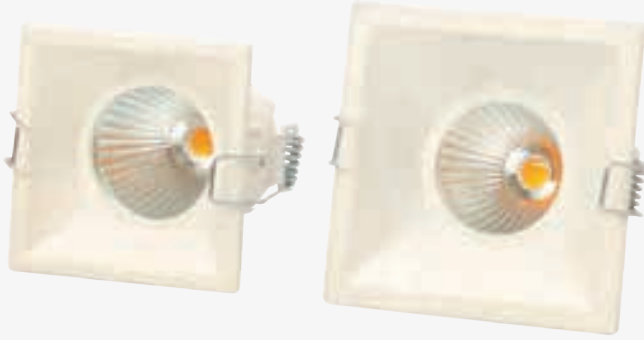
CAM : Cam & PMMA
Diffuser Glass & PMMA

LED : COB

Driver : PHILIPS
TRIDONIC OSRAM
PLED PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)		Kesim Ölçüsü Cutting Size(mm)	Ağırlık (Koli) Weight (Box) (Kg)	Hacim Volume (m³)	Adet/Koli Pieces/Box	
					ø	h					
910 01 05 005 1	6500	5	600	120	2700K-6500K	84	87	78	280	0,0010	1
910 01 05 010 1	6500	10	1200	120	2700K-6500K	100	87	88	300	0,0014	1
910 01 05 005	6500	5	600	120	2700K-6500K	84	87	78	280	0,0010	1
910 01 05 010	6500	10	1200	120	2700K-6500K	100	87	88	300	0,0014	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Enjeksiyon
Body Aluminium Injection

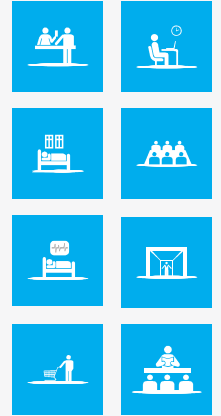
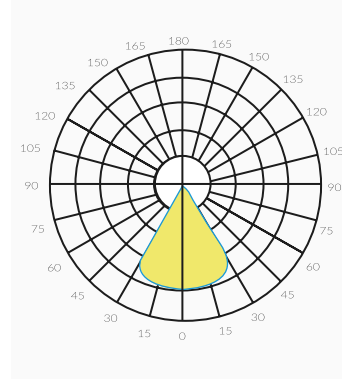
BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

OPTİK : Alüminyum Reflektör
Optic Aluminium Reflector

CAM : Cam & PMMA
Diffuser Glass & PMMA

LED : COB

Driver : PHILIPS

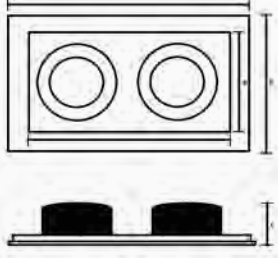


Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Kesim Ölçüsü Cutting Size(mm)	Ağırlık (Koli) Weight (Box) (Kg)	Hacim Volume (m ³)	Adet/Koli Pieces/Box	
					a	b	c					
910 01 05 005 1	6500	5	600	120	2700K-6500K	84	84	80	75*75	0,31	0,0010	1
910 01 05 010 1	6500	10	1200	120	2700K-6500K	100	100	80	85*85	0,35	0,0014	1
910 01 05 005	6500	5	600	120	2700K-6500K	84	84	80	75*75	0,31	0,0010	1
910 01 01 010	6500	10	1200	120	2700K-6500K	100	100	80	85*85	0,35	0,0014	1

MEGA

SIVA ALTI LED SPOT ARMATÜRLER

RECESSED LED SPOT LIGHTING LUMINAIRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Body

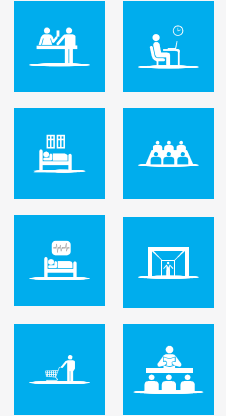
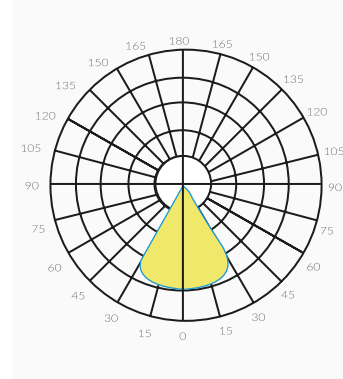
BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

CAM : Cam & PMMA
Diffuser Glass & PMMA

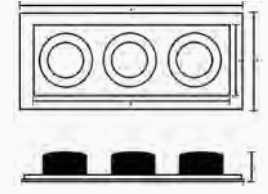
LED : COB

Driver : PHILIPS

TRIDONIC	OSRAM
PLED	PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Kesim Ölçüsü Cutting Size(mm)	Ağırlık (Koli) Weight (Box) (Kg)	
					a	b	c			
910 01 10 010	6500	10	1200	120	2700K-6500K	115		50	100	0,4
910 01 10 030	6500	30	3600	120	2700K-6500K	195		100	170	1,48
910 01 10 030 1	6500	30	3600	120	2700K-6500K	195	195	100	165*165	1,48
910 01 10 060	6500	60	7200	120	2700K-6500K	350	195	100	320*165	2,7



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Body

BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

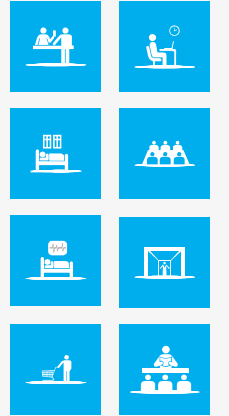
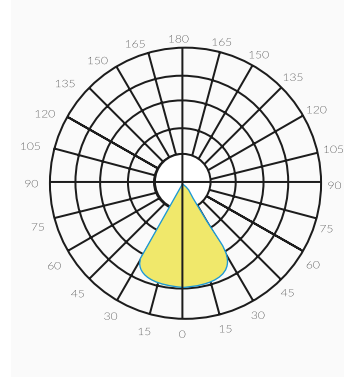
CAM : Cam & PMMA
Diffuser Glass & PMMA

LED : COB

Driver : PHILIPS

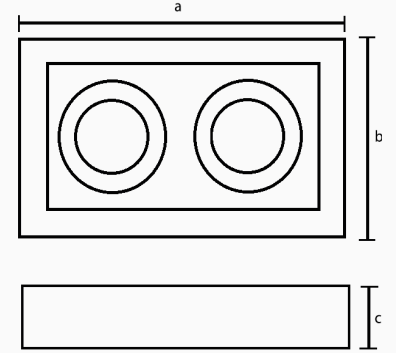
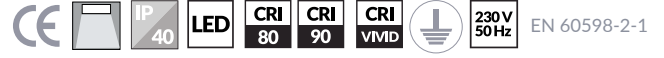


OSRAM



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Kesim Ölçüsü Cutting Size(mm)	Ağırlık (Koli) Weight (Box) (Kg)	Hacim Volume (m³)	Adet/Koli Pieces/Box
					a	b	c				
910 01 03 010 6500	10	1200	120	2700K-6500K	122	122	65	105*105	0,564	0,002	1
910 01 03 020 6500	20	2400	120	2700K-6500K	228	122	65	205*105	1,18	0,003	1
910 01 03 030 6500	30	3600	120	2700K-6500K	330	122	65	310*105	1,62	0,005	1





ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Body

BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

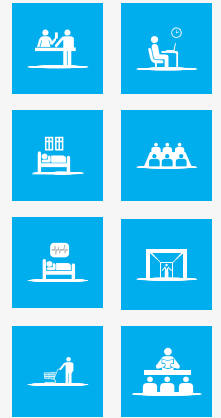
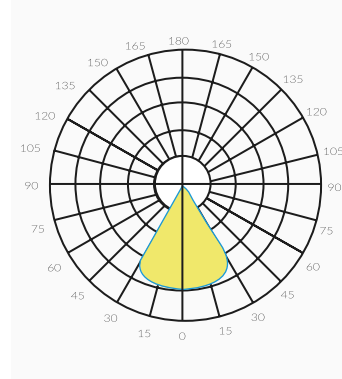
CAM : Cam & PMMA
Diffuser Glass & PMMA

LED : COB

Driver : PHILIPS



OSRAM

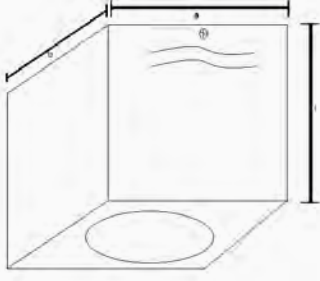


Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Ağırlık (Koli) Weight (Box) (Kg)	Hacim Volume (m ³)	Adet/Koli Pieces/Box
					a	b	c			
910 02 07 010 6500	10	1200	120	2700K-6500K	120	120	90	700	0,0009	1
910 02 07 020 6500	20	2400	120	2700K-6500K	200	120	90	1150	0,0020	1
910 02 07 030 6500	30	3600	120	2700K-6500K	300	100	120	2000	0,0032	1

UP MEGA

SIVA ÜSTÜ LED SPOT
AARMATÜRLER

SURFACE MOUNTED
LED SPOT LUMINAIRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet Body

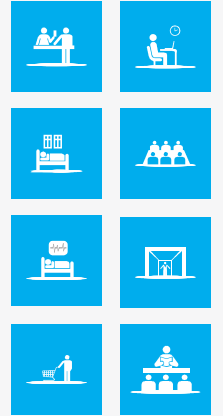
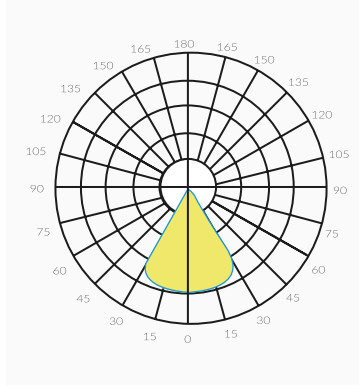
BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

CAM : Cam & PMMA
Diffuser Glass & PMMA

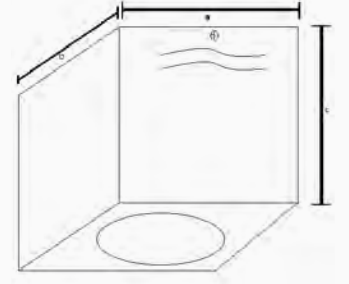
LED : COB

Driver : PHILIPS

TRIDONIC	OSRAM
PLED	PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Ağırlık (Koli) Weight (Box) (Kg)	Hacim Volume (m ³)	Adet/Koli Pieces/Box
					a	b	c			
910 02 09 030 6500	30	3600	120	2700K-6500K	195	195	100	2,43	0,0058	1
910 02 09 060 6500	60	7200	120	2700K-6500K	350	195	100	4,17	0,0106	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Gövde
Body Alüminium Body

BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

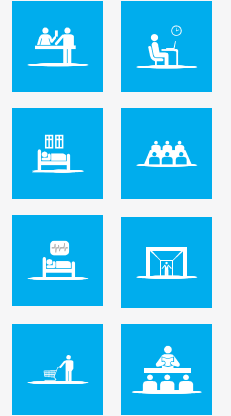
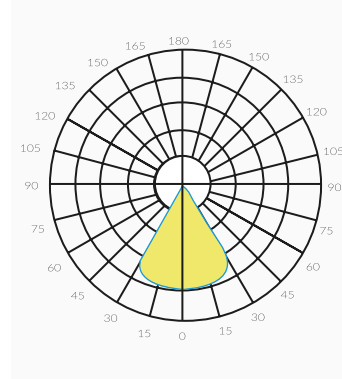
CAM : Cam & PMMA
Diffuser Glass & PMMA

LED : COB

Driver : PHILIPS



OSRAM

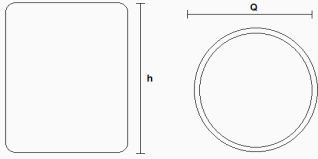
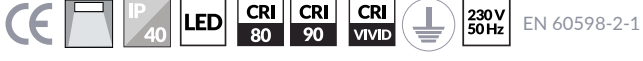


Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Ağırlık (Koli) Weight (Box) (Kg)	Hacim Volume (m ³)	Adet/Koli Pieces/Box	
					a	b	c				
910 02 05 010 1	6500	10	1200	120	2700K-6500K	80	80	120	0,50	0,0013	1
910 02 05 010	6500	10	1200	120	2700K-6500K	100	100	120	0,56	0,0022	1

ELIS

SIVA ÜSTÜ & SARKIT
DEKORATİF LED ARMATÜRLER

SURFACE & PENDANTE
DECORATIVE LED LUMINARES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

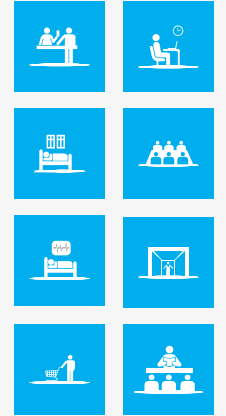
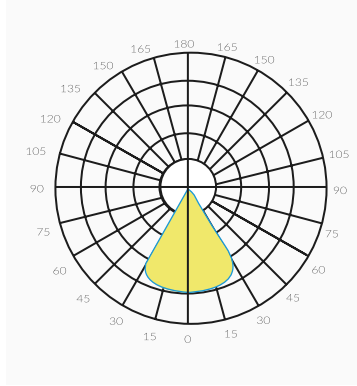
GÖVDE : Alüminyum Gövde
Body Aluminium Body

BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

CAM : Cam & PMMA
Diffuser Glass & PMMA

LED : COB

Driver : PHILIPS
TRIDONIC OSRAM
PLED PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)		Ağırlık (Koli) Weight (Box) (Kg)	Hacim Volume (m³)	Adet/Koli Pieces/Box	
					ø	h				
910 02 08 030 1	6500	30	3600	120	2700K-6500K	140	125	0,50	0,0036	1
910 02 08 030	6500	30	3600	120	2700K-6500K	275	125	0,56	0,0068	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Gövde
Body Alüminium Body

BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

CAM : Cam & PMMA
Diffuser Glass & PMMA

LED : COB

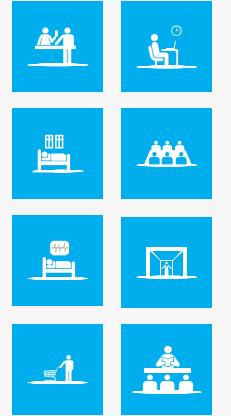
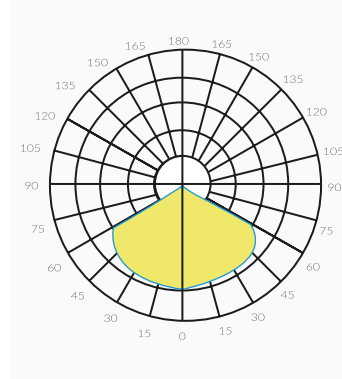
Driver : PHILIPS

TRIDONIC

OSRAM

PLED

PEDAS

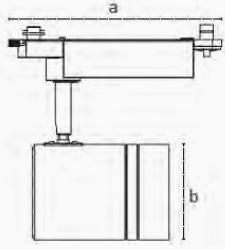


Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)		Ağırlık (Koli) Weight (Box) (Kg)	Hacim Volume (m³)	Adet/Koli Pieces/Box	
					ø	h				
910 02 06 010 1	6500	10	1200	120	2700K-6500K	80	123	0,50	0,0015	1
910 02 06 010 2	6500	10	1200	120	2700K-6500K	95	125	0,56	0,0022	1
910 02 06 010	6500	10	1200	120	2700K-6500K	80	190	0,56	0,0022	1

GENOVA

SIVA ÜSTÜ LED RAY SPOT AYDINLATMA ARMATÜRLERİ

SURFACE MOUNTED LED TRACK SPOTS LIGHTING LUMINAİRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

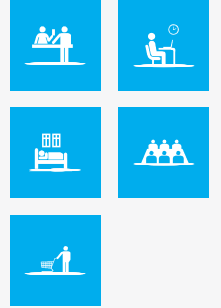
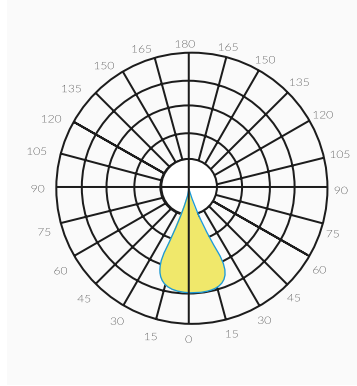
GÖVDE : Alüminyum Enjeksiyon
Body Aluminium Injection

BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

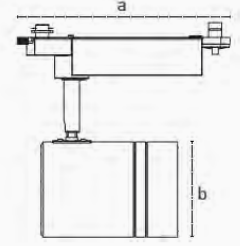
OPTİK : Alüminyum Reflektör
Optic Aluminium Reflector

CAM : Cam & PMMA
Diffuser Glass & PMMA

DUY : GU10
Lamp Holder



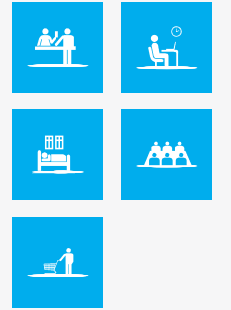
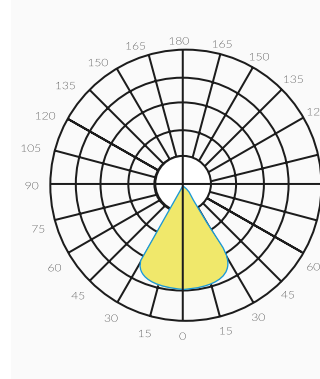
Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)		Ağırlık (Koli) Weight (Box) (Kg)	Hacim Volume (m³)	Adet/Koli Pieces/Box
					ø	h			
910 02 03 003 6500	3	294	98	2700K-6500K	55	200	0,35	0,0016	1
910 02 03 005 6500	5	525	105	2700K-6500K	55	200	0,35	0,0016	1
910 02 03 007 6500	7	735	105	2700K-6500K	55	200	0,35	0,0016	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum - Polimer Enjeksiyon Body : Aluminium - Polymer Injection	LED : COB
BOYA : Elektrostatik Toz Boya Paint : Electrostatic Powder Painted	Driver : PHILIPS TRIDONIC OSRAM PLED PEDAS
OPTİK : Alüminyum Reflektör Optic : Aluminium Reflector	
CAM : Cam & PMMA Diffuser : Glass & PMMA	

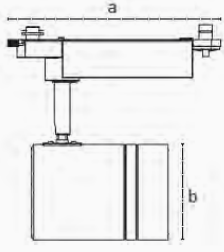
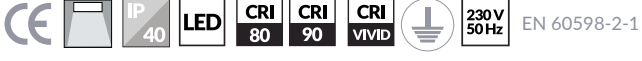


Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)				Ağırlık Weight (Kg)	Hacim Volume (m ³)	Adet/Koli Pieces/Box
					A	B	C	D			
910 02 04 010 6500	10	1180	118	2700K-6500K	150	170	116	90	0,95	0,0032	1
910 02 04 020 6500	20	2360	118	2700K-6500K	150	170	116	90	0,95	0,0032	1
910 02 10 010 6500	10	1180	118	2700K-6500K	150	200	116	90	0,95	0,0037	1
910 02 10 020 6500	20	2360	118	2700K-6500K	150	200	116	90	0,95	0,0037	1

GALON

SIVA ÜSTÜ LED RAY SPOT AYDINLATMA ARMATÜRLERİ

SURFACE MOUNTED LED TRACK SPOTS LIGHTING LUMINAIRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Enjeksiyon
Body Aluminium Injection

BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

OPTİK : Alüminyum Reflektör
Optic Aluminium Reflector

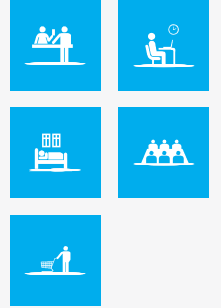
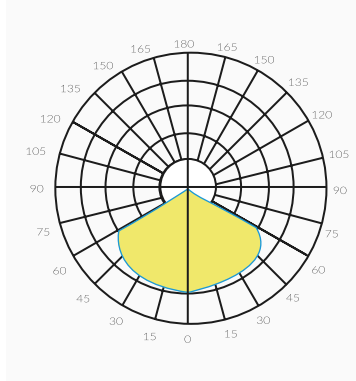
CAM Diffuser : Cam & PMMA
Glass & PMMA

LED: : COB

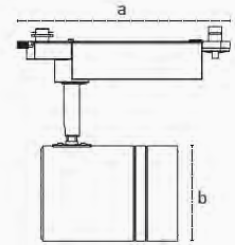
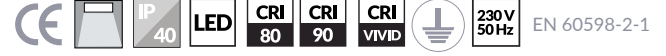
Driver : PHILIPS

TRIDONIC OSRAM

PLED PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)				Ağırlık Weight (Kg)	Hacim Volume (m ³)	Adet/Koli Pieces/Box
					A	B	C	D			
910 02 02 010 6500	10	1220	122	2700K-6500K	200	195	96	125	1,24	0,0052	1
910 02 02 020 6500	20	2440	122	2700K-6500K	200	195	96	125	1,24	0,0052	1
910 02 02 030 6500	10	1220	122	2700K-6500K	200	195	140	125	1,5	0,0058	1
910 02 02 010 6500	20	2440	122	2700K-6500K	200	195	140	125	1,5	0,0058	1
910 02 02 020 6500	20	2440	122	2700K-6500K	150	250	220	125	1,6	0,0072	1
910 02 02 030 6500	30	3660	122	2700K-6500K	150	250	220	125	1,6	0,0072	1
910 02 02 040 6500	40	4880	122	2700K-6500K	150	250	220	125	1,6	0,0072	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Enjeksiyon
Body Aluminium Injection

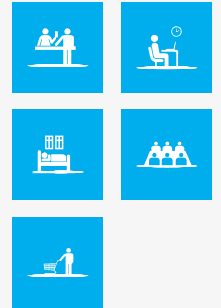
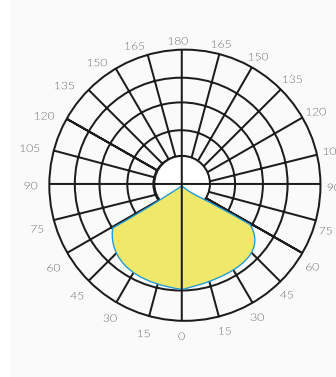
BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

OPTİK : Alüminyum Reflektör
Optic Aluminium Reflector

CAM : Cam & PMMA
Diffuser Glass & PMMA

LED: : COB

Driver :



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)				Ağırlık Weight (Kg)	Hacim Volume (m ³)	Adet/Koli Pieces/Box	
					A	B	C	D				
910 02 01 010	6500	10	1200	120	2700K-6500K	90	150	170	116	1,1	0,0032	1
910 02 02 020	6500	20	2400	120	2700K-6500K	90	150	170	116	1,1	0,0032	1
910 02 02 020	6500	20	2400	120	2700K-6500K	110	170	170	110	1,2	0,0034	1
910 02 01 030	6500	30	3600	120	2700K-6500K	125	200	195	140	1,4	0,0060	1
910 02 01 030	6500	30	3600	120	2700K-6500K	125	150	250	220	1,5	0,0088	1

DECORATIVE LUMINAIRES

DEKORATİF ARMATÜRLER

102	- ALBERO	110	- SERVENT
103	- BEND	111	- RONDY
104	- BOSS	112	- TRAS
105	- JEFF	133	- LINCO
106	- TRIA		
107	- LUTOS		
108	- PABLO		
109	- RUBY		

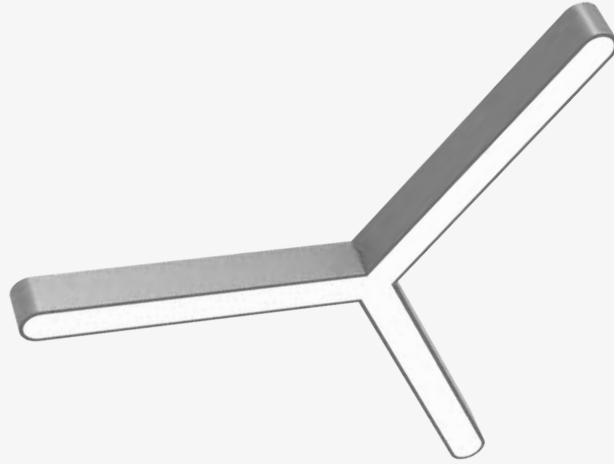


LINCO

ALBERO

DEKORATİF LED AYDINLATMA ARMATÜRLERİ

DECORATIVE LED LIGHTING LUMINAIRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Ekstrüzyon
Body Aluminium Ekstrusion

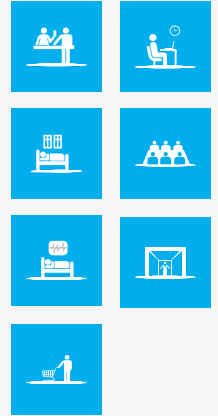
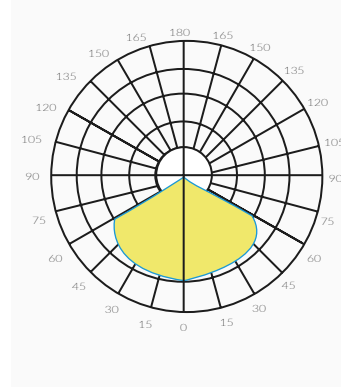
BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

PCB : Isı İletkenliği Yüksek PCB
High Conductive
Heat-Resistance PCB

Driver : PHILIPS
TRIDONIC OSRAM
PLED PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)				Ağırlık Weight (Kg)	Hacim Volume (m³)	Adet/Koli Pieces/Box
					A	B	C	D			
910 10 03 029 6500	29	3132	108	2700K-6500K	400	400	400	80	2,50	0,002	1
910 10 03 043 6500	43	4644	108	2700K-6500K	600	600	600	80	3,00	0,004	1
910 10 03 060 6500	60	6480	108	2700K-6500K	800	800	800	80	3,50	0,007	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum
Body Aluminium

BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

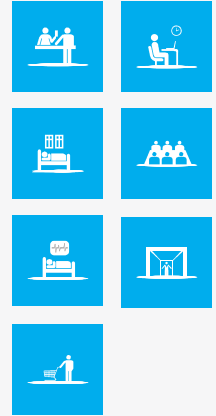
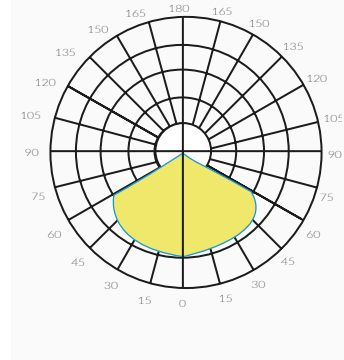
OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

PCB : Isı İletkenliği Yüksek PCB
High Conductive
Heat-Resistance PCB

Driver : **PHILIPS**

TRIDONIC **OSRAM**

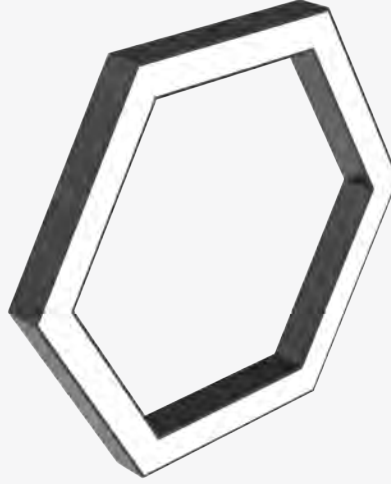


Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Ağırlık (Koli) Weight (Box) (m ³)	Hacim Volume (m ³)	Adet/Koli Pieces/Box
					A	B	C				
910 10 04 022 6500	22	2376	108	2700K-6500K	1000	80	80	2,00	2,50	0,007	1
910 10 04 035 6500	35	3780	108	2700K-6500K	1500	80	80	3,00	3,60	0,009	1
910 10 04 045 6500	45	4860	108	2700K-6500K	2000	80	80	4,00	4,70	0,013	1

BOSS

DEKORATİF LED AYDINLATMA ARMATÜRLERİ

DECORATIVE LED LIGHTING LUMINAIRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum
Body Aluminium

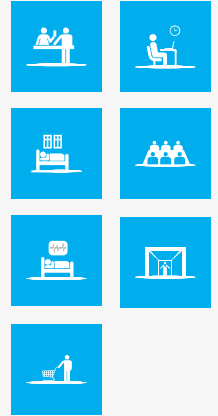
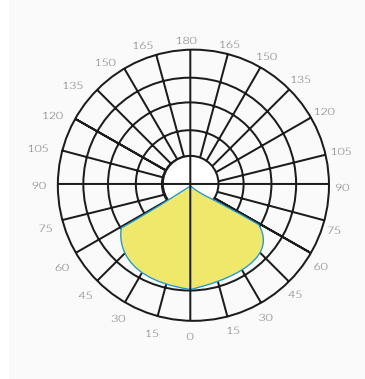
BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

Driver : PHILIPS
TRIDONIC OSRAM
PLED PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Adet/Koli Pieces/Box
					A	B	C			
910 10 05 052 6500	52	5616	108	2700K-6500K	400	55	85	3,40	0,002	1
910 10 05 080 6500	80	8640	108	2700K-6500K	600	55	85	4,90	0,004	1
910 10 05 105 6500	105	11340	108	2700K-6500K	800	55	85	6,40	0,007	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum
Body Aluminium

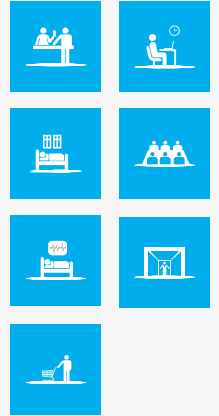
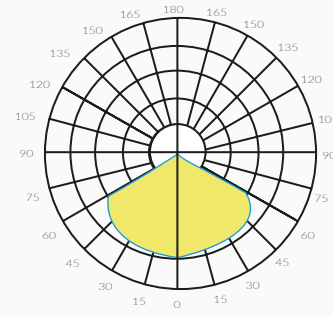
BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

PCB : Isı İletkenliği Yüksek PCB
High Conductive
Heat-Resistance PCB

Driver : **PHILIPS**
 TRIDONIC **OSRAM**
 PLED **PEDAS**



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Ağırlık (Koli) Weight (Box) (m ³)	Hacim Volume (m ³)	Adet/Koli Pieces/Box
					A	B	C				
910 10 06 029 6500	29	3132	108	2700K-6500K	400	400	80	2,00	2,40	0,012	1
910 10 06 043 6500	43	4644	108	2700K-6500K	600	600	80	3,00	3,60	0,023	1
910 10 06 057 6500	57	6156	108	2700K-6500K	800	800	80	4,00	4,80	0,052	1

TRIA

DEKORATİF LED AYDINLATMA ARMATÜRLERİ

DECORATIVE LED LIGHTING LUMINAIRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum
Body Aluminium

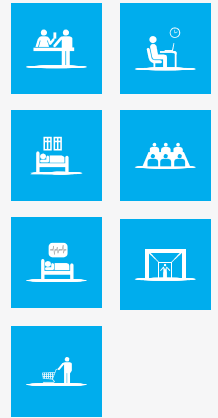
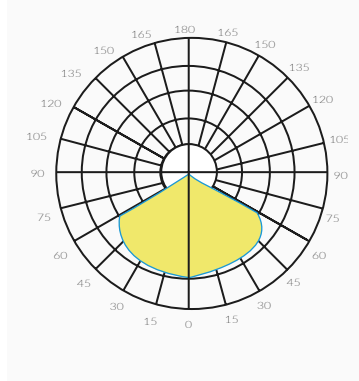
BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

PCB : Isı İletkenliği Yüksek PCB
High Conductive
Heat-Resistance PCB

Driver : PHILIPS
TRIDONIC OSRAM
PLED PEDAS



Code	Güç Power (w)	Luminous	Efficiency (lm/w)	Light Color	Boyutlar Dimensions (mm)		Weight (Kg)	Ağırlık (Koli) Weight (Box) (m ²)	Volume (m ³)	Adet/Koli Pieces/Box
					a	b				
910 10 10 030 6500	30	3600	120	2700K-6500K	400	80	2,50	3,00	0,015	1
910 10 10 040 6500	40	4800	120	2700K-6500K	600	80	3,50	4,00	0,020	1
910 10 10 060 6500	60	7200	120	2700K-6500K	800	80	5,00	6,00	0,055	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum
Body Aluminium

BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

OPTİK : Opal Difüzör
Optic Opal Diffuser

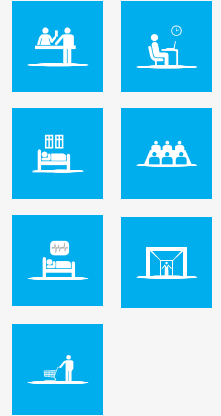
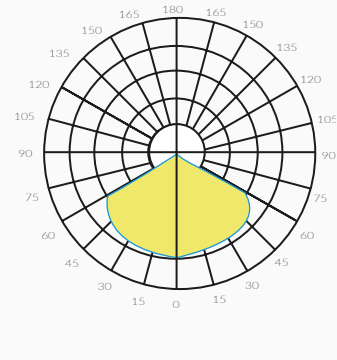
LED : Mid Power

PCB : Isı İletkenliği Yüksek PCB
High Conductive
Heat-Resistance PCB

Driver : **PHILIPS**

TRIDONIC **OSRAM**

PLED **PEDAS**



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)		Ağırlık Weight (Kg)	Ağırlık (Koli) Weight (Box) (m ³)	Hacim Volume (m ³)	Adet/Koli Pieces/Box
					ø	h				
910 10 07 048 6500	48	5184	108	2700K-6500K	400	100	3	3,40	0,016	1
910 10 07 070 6500	70	7560	108	2700K-6500K	600	100	4,5	4,90	0,036	1
910 10 07 090 6500	90	9720	108	2700K-6500K	800	100	6	6,60	0,064	1
910 10 07 120 6500	120	12960	108	2700K-6500K	1000	100	7,5	8,10	0,100	1

PABLO

DEKORATİF LED AYDINLATMA ARMATÜRLERİ

DECORATIVE LED LIGHTING LUMINAIRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum
Body Aluminium

BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

OPTİK : Opal Difüzör
Optic Opal Diffuser

: Mid Power

: Isı İletkenliği Yüksek PCB
High Conductive
Heat-Resistance PCB

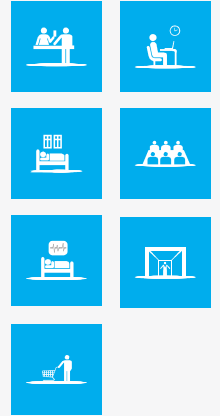
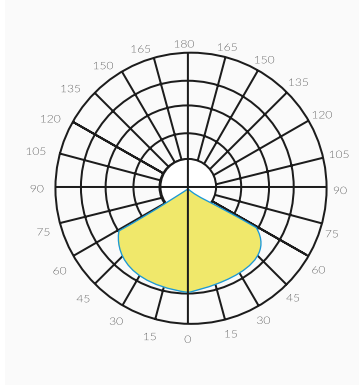
: PHILIPS

TRIDONIC

OSRAM

PLED

PEDAS



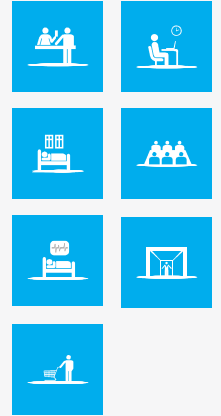
Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Adet/Koli Pieces/Box
					A	B	C			
910 10 09 038 6500	38	4104	108	2700K-6500K	400	80	80	2,90	0,013	1
910 10 09 057 6500	57	6156	108	2700K-6500K	600	80	80	4,00	0,028	1
910 10 09 075 6500	75	8100	108	2700K-6500K	800	80	80	5,70	0,052	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Body : Aluminium	LED : Mid Power
BOYA : Elektrostatik Toz Boya Paint : Electrostatic Powder Painted	PCB : Isı İletkenliği Yüksek PCB High Conductive Heat-Resistance PCB
OPTİK : Opal Difüzör Optic : Opal Diffuser	Driver :

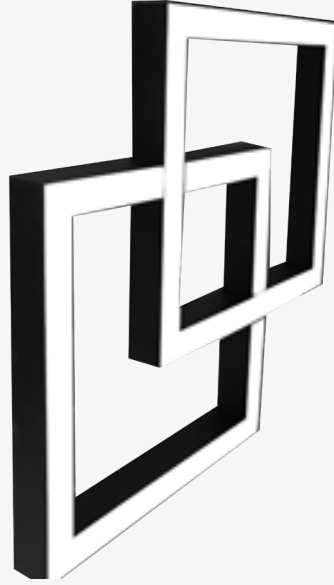


Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)		Ağırlık Weight (Kg)	Ağırlık (Koli) Weight (Box) (m ³)	Hacim Volume (m ³)	Adet/Koli Pieces/Box
					ø	h				
910 10 01 030 6500	30	3060	102	2700K-6500K	400	80	3,00	3,40	0,013	1
910 10 01 040 6500	40	4080	102	2700K-6500K	600	80	4,50	4,90	0,023	1
910 10 01 060 6500	60	6120	102	2700K-6500K	800	80	6,00	6,40	0,052	1

SERVENT

DEKORATİF LED
AYDINLATMA ARMATÜRLERİ

DECORATIVE LED
LIGHTING LUMINAIRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum
Body Aluminium

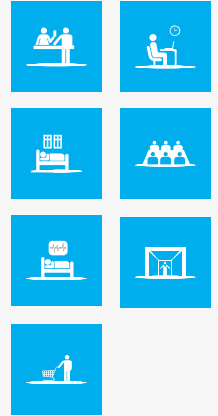
BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

Driver : PHILIPS
TRIDONIC OSRAM
PLED PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Adet/Koli Pieces/Box
					A	B	C			
910 10 02 030 6500	30	3240	108	2700K-6500K	400	55	85	3,40	0,002	1
910 10 02 040 6500	40	4320	108	2700K-6500K	600	55	85	4,90	0,003	1
910 10 02 060 6500	60	6480	108	2700K-6500K	800	55	85	6,40	0,004	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum
Body Aluminium

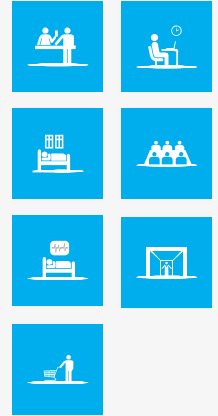
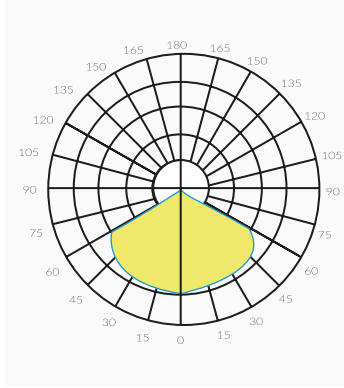
BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

PCB : Isı İletkenliği Yüksek PCB
High Conductive
Heat-Resistance PCB

Driver :



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)		Ağırlık Weight (Kg)	Ağırlık (Koli) Weight (Box) (m ³)	Hacim Volume (m ³)	Adet/Koli Pieces/Box
					ø	h				
932 00 122 040 3131 84	45	4860	108	4000K	400	10	3,40	3,00	0,016	1
932 00 122 040 3131 86	60	6480	108	6500K	600	10	4,90	4,50	0,036	1
932 00 122 060 3131 84	100	10800	108	4000K	800	10	6,60	6,00	0,064	1
932 00 122 060 3131 86	120	12960	108	6500K	1000	10	8,10	7,50	0,100	1

TRAS

DEKORATİF LED AYDINLATMA ARMATÜRLERİ

DECORATIVE LED LIGHTING LUMINAIRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum
Body Aluminium

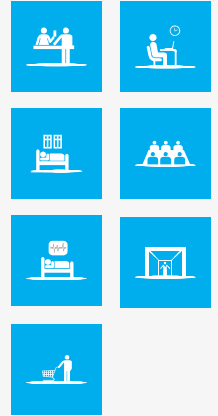
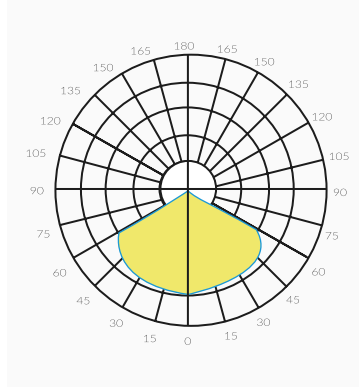
BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

OPTİK : Opal Difüzör
Optic Opal Diffuser

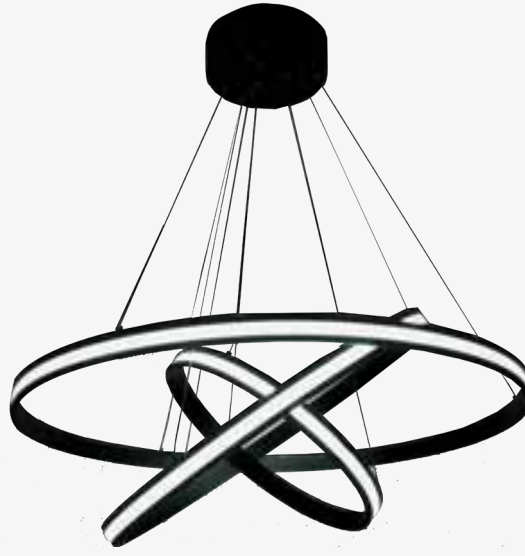
LED : Mid Power

PCB : Isı İletkenliği Yüksek PCB
High Conductive
Heat-Resistance PCB

Driver : PHILIPS
TRIDONIC OSRAM
PLED PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Adet/Koli Pieces/Box
					A	B	C			
910 11 01 080 6500	80	8640	108	2700K-6500K	700	8	35	7,50	0,06	1
910 11 01 085 6500	85	9180	108	2700K-6500K	800	8	35	9,50	0,07	1
910 11 01 135 6500	135	14580	108	2700K-6500K	1200	8	35	13,00	0,17	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum
Body Aluminium

BOYA : Elektrostatik Toz Boya
Paint Electrostatic Powder Painted

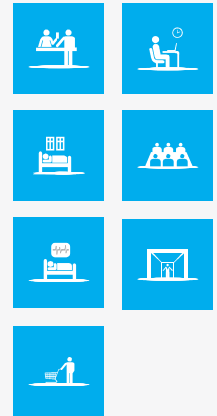
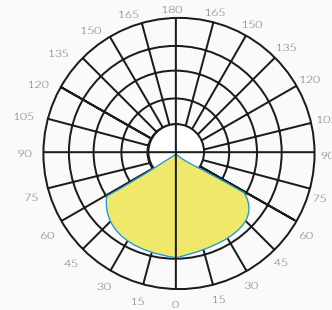
OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : Mid Power

PCB : Isı İletkenliği Yüksek PCB
High Conductive
Heat-Resistance PCB

Driver : **PHILIPS**

TRIDONIC **OSRAM**



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Adet/Koli Pieces/Box
					A	B	C			
910 11 04 075 6500	75	8100	108	2700K-6500K	700	8	35	7,50	0,06	1
910 11 04 080 6500	80	8640	108	2700K-6500K	800	8	35	9,50	0,07	1
910 11 04 127 6500	127	13716	108	2700K-6500K	1200	8	35	13,00	0,17	1

EMERGENCY LIGHTING LUMINAIRES

ACİL AYDINLATMA ARMATÜRLERİ

116 - SAFRAN

117 - NİLÜFER

118 - ORKİDE

199 - ZAMBAK



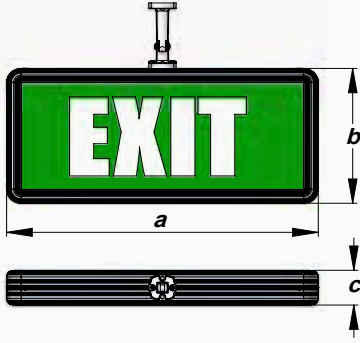
SAFRAN



SAFRAN

LEDLİ ACİL DURUM VE YÖNLENDİRME ARMATÜRLERİ (EXIT)

EMERGENCY LIGHTING LUMINAIRES WITH LED (EXIT)



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Ekstrüzyon
Body : Aluminium Extrusion

MONTAJ : Tavana, Duvara veya Asma Tavana
Montage : Ceiling, wall or ceiling suspended mounting possibilities

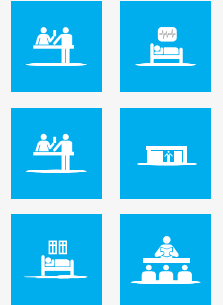
OPSİYONLAR : Tek ve Çift Yüzlü Uygulama
Options : Single Sided and Double Sided Application

OPTİK : Şeffaf PMMA
Optic : Transparent PMMA

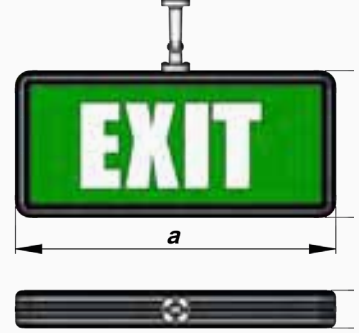
LED : SMD

ŞARJ SÜRESİ : 24 Saat
Charging Time : 24 Hour

DEŞARJ SÜRESİ : 3 Saat
Discharging Time : 3 Hour



Kod Code	Tip Type	Lamba Lamp	Boyutlar Dimensions (mm)			Ağırlık Weight	Hacim Volume (m ³)	Adet/Koli Pieces/Box	Kesim Ölçüsü Cut Size	Ağırlık Weight (Kg)
			A	B	C					
730 9000 100 0001	Tek yüz / One side Sıva üstü/Surface mounted	LED	245	185	42	0,55	0,0050	1	275*275	11,8
730 9000 100 0002	Çift yüz / Double side Sıva üstü/Surface mounted	LED	245	185	42	0,55	0,0050	1	575*575	11,8
730 9000 100 0001	Tek yüz / One side Sıva altı /Recessed mounted	LED	245	185	42	0,55	0,0050	1	575*575	8,3
730 9000 100 0002	Çift yüz / Double side Sıva altı /Recessed mounted	LED	245	185	42	0,55	0,0050	1	575*575	8,3



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Ekstrüzyon
Body : Aluminium Extrusion

OPTİK : Şeffaf PMMA
Optic : Transparent PMMA

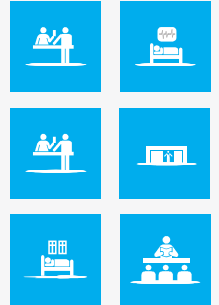
ŞARJ SÜRESİ : 24 Saat
Charging Time : 24 Hour

MONTAJ : Tavana, Duvara veya Asma Tavana
Montage : Ceiling, wall or ceiling suspended mounting possibilities

LED : SMD

DEŞARJ SÜRESİ : 3 Saat
Discharging Time : 3 Hour

OPSİYONLAR : Tek ve Çift Yüzlü Uygulama
Options : Single Sided and Double Sided Application

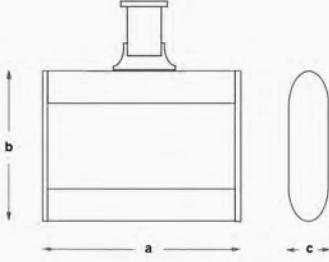


Kod Code	Tip Type	Lamba Lamp	Boyutlar Dimensions (mm)			Ağırlık Weight	Hacim Volume (m ³)	Adet/Koli Pieces/Box
			A	B	C			
730 9000 300 0001	Tek yüz / One side Sıva üstü/Surface mounted	LED	365	166	43	0,90	0,0060	1
730 9000 300 0002	Çift yüz / Double side Sıva üstü/Surface mounted	LED	365	166	43	0,90	0,0060	1

ORKİDE

LEDLİ ACİL DURUM VE YÖNLENDİRME ARMATÜRLERİ (EXIT)

EMERGENCY LIGHTING LUMINAIRES WITH LED (EXIT)



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Ekstrüzyon
Body : Aluminium Extrusion

OPTİK : Şeffaf PMMA
Optic : Transparent PMMA

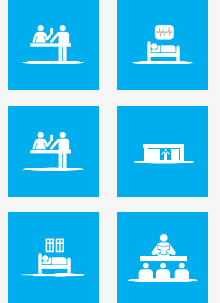
ŞARJ SÜRESİ : 24 Saat
Charging Time : 24 Hour

MONTAJ : Tavana, Duvara veya Asma Tavana
Montage : Ceiling, wall or ceiling suspended mounting possibilities

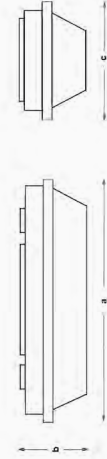
LED : SMD

DEŞARJ SÜRESİ : 3 Saat
Discharging Time : 3 Hour

OPSİYONLAR : Tek ve Çift Yüzlü Uygulama
Options : Single Sided and Double Sided Application



Kod Code	Tip Type	Lamba Lamp	Boyutlar Dimensions (mm)			Ağırlık Weight	Hacim Volume (m ³)	Adet/Koli Pieces/Box
			A	B	C			
980 9000 400 0001	Tek yüz / One side Sıva üstü/Surface mounted	LED	335	130	63	1,30	0,0080	1
980 9000 400 0002	Çift yüz / Double side Sıva üstü/Surface mounted	LED	335	130	63	1,30	0,0080	1
980 9000 400 0003	Tek yüz / One side Sıva altı/Recessed mounted	LED	335	130	63	1,40	0,0080	1
980 9000 400 0004	Çift yüz / Double side Sıva altı/Recessed mounted	LED	335	130	63	1,40	0,0080	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Naylonaltı katkılı gövde (N6GBR)
Body : Nylon-6 doped body (N6GBR)

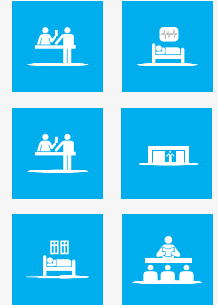
OPTİK : Polikarbon cam
Optic : Polycarbonate Glass

ŞARJ SÜRESİ : 24 Saat
Charging Time : 24 Hour

MONTAJ : Tavana, Duvara veya Asma Tavana
Montage : Ceiling, wall or ceiling suspended mounting possibilities

LED : SMD

DEŞARJ SÜRESİ : 3 Saat
Discharging Time : 3 Hour



Kod Code	Tip Type	Lamba Lamp	Boyutlar Dimensions (mm)			Ağırlık Weight	Hacim Volume (m ³)	Adet/Koli Pieces/Box
			A	B	C			
980 9000 500 0001	20x0,1 W Acilde / 1 saat Non-Maintained / 1 h	LED	340	104	67	0,80	0,0055	1
980 9000 500 0002	20x0,1 W Acilde / 3 saat Non-Maintained / 3 h	LED	340	104	67	0,90	0,0055	1
980 9000 500 0003	20x0,1 W Sürekli / 1 saat Maintained / 1 h	LED	340	104	67	0,80	0,0055	1
980 9000 500 0004	20x0,1 W Sürekli / 3 saat Maintained / 3 h	LED	340	104	67	0,90	0,0055	1

INDUSTRIAL LIGHTING

ENDÜSTRİYEL

AYDINLATMA



KEŞFET



Survey



INDOOR LIGHTING

ETANJ ARMATÜRLER

124 - ORLEON LED

129 - LUPO TUBE

125 - NEO

126 - RINI

127 - HOBBYTUBE

128 - ORLEON TUBE

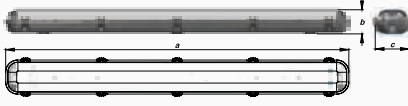


NEO

ORLEON LED

POLİKARBON GÖVDE LED ETANJ
AYDINLATMA ARMATÜRLERİ

POLYCARBONATE BODY LED
WATERPROOF LIGHTING LUMINAIRE



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Polikarbon
Body Polycarbonate

CAM: : Opal Polikarbon
Diffuser Opal Polycarbonate

PCB : Isı İletkenliği Yüksek PCB
High Conductive
Heat-Resistance PCB

CONTA : Poliüretan Dökme/Epdiyen
Gasket Polyurethane Cast/Epdiyen

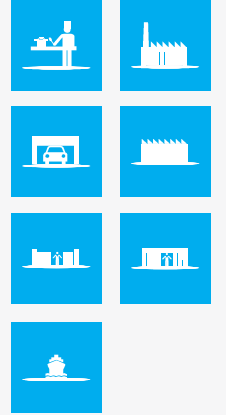
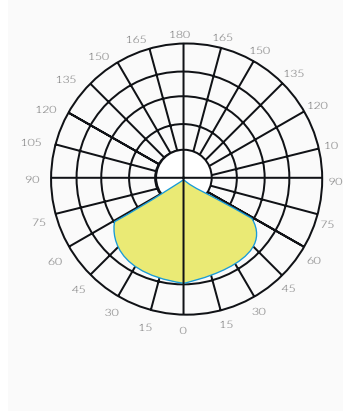
MANDAL : Polikarbon / Metal
Clip Polycarbonate / Metal

LED : Mid Power

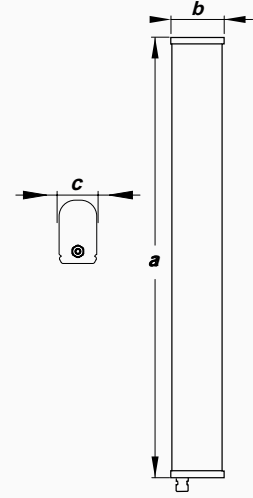
Driver : PHILIPS

TRIDONIC OSRAM

PLED PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Colour	Etkinlik Faktörü Efficiency(lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Koli Weight (Kg)	Hacim Volume (m³)	Ağırlık Weight (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
934 50 343 020 3131 84	20	2150	4000K	108	0,9	665	85	90	3,6	0,025	0,8	4
934 50 343 020 3131 86	20	2150	6500K	108	0,9	665	85	90	3,6	0,025	0,8	4
934 50 343 040 3131 84	40	4324	4000K	108	0,9	1270	85	90	5,5	0,048	1,25	4
934 50 343 040 3131 86	40	4324	6500K	108	0,9	1270	85	90	5,5	0,048	1,25	4



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Ekstrüzyon
Body Aluminium Extrusion

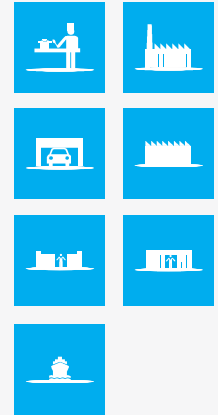
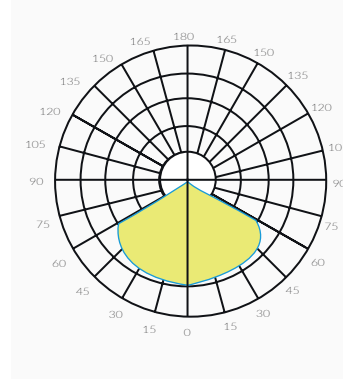
CONTA : Silikon Conta
Gasket Silikon Gasket

CAM: Polikarbon Optik
Diffuser Polycarbonate Optic

LED : Mid Power

PCB : Isı İletkenliği Yüksek PCB
High Conductive
Heat-Resistance PCB

Driver : PHILIPS

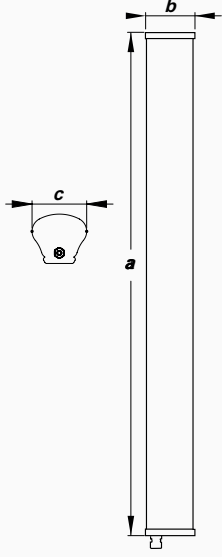


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Colour	Etkinlik Faktörü Efficiency(lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Koli Weight (Kg)	Hacim Volume (m ³)	Ağırlık Weight (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
934 51 343 018 3131	18	1944	2700-6500K	108	0,9	610	50	70	5,6	0,018	0,65	8
934 51 343 024 3131	24	2616	2700-6500K	109	0,9	910	50	70	6,8	0,027	0,8	8
934 51 343 036 3131	36	3996	2700-6500K	111	0,9	1210	50	70	10,7	0,036	1,25	8
934 51 343 050 3131	50	5650	2700-6500K	113	0,9	1510	50	70	12,4	0,045	1,45	8

RINI

POLİKARBON LED ETANJ
AYDINLATMA ARMATÜR

POLYCARBONATE LED WATERPROOF
LIGHTING LUMINAIRE



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Polikarbon Ekstrüzyon
Body Polycarbonate Extrusion

CAM : Polikarbon Optik
Diffuser Polycarbonate Optic

LED : Mid Power

PCB : Isı İletkenliği Yüksek
High Conductive Heat-Resistance
PCB

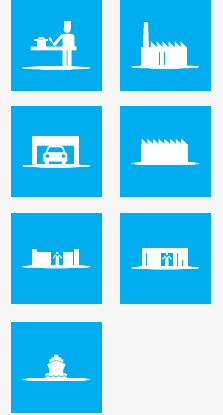
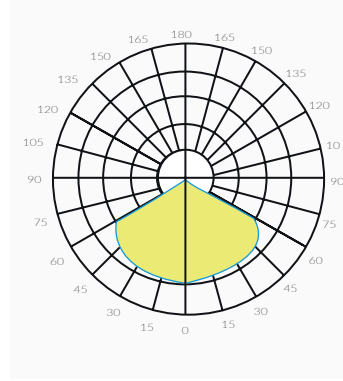
Driver : PHILIPS

TRIDONIC

OSRAM

PLED

PEDAS

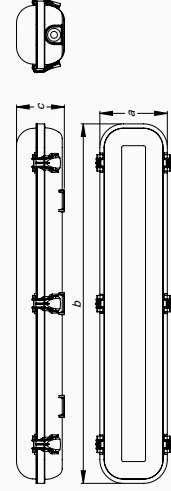


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Colour	Etkinlik Faktörü Efficien- cy(lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Koli Weight (Kg)	Hacim Volume (m³)	Ağırlık Weight (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
934 52 343 010 3131	10	1080	2700-6500K	108	0,9	610	50	70	4,1	0,018	0,48	8
934 52 343 015 3131	15	1635	2700-6500K	109	0,9	910	50	70	5,6	0,027	0,65	8
934 52 343 024 3131	24	2664	2700-6500K	111	0,9	1210	50	70	8,6	0,036	1,0	8
934 52 343 036 3131	36	4068	2700-6500K	113	0,9	1510	50	70	9,4	0,045	1,1	8
934 60 343 020 3131	20	2320	2700-6500K	116	0,9	610	80	70	8,1	0,049	0,98	8
934 60 343 040 3131	40	4520	2700-6500K	113	0,9	1210	80	70	9,3	0,049	1,99	4

HOBBY TUBE

COMPOSITE BODY LED TUBE
WATERPROOF LIGHTING LUMINAIRE

KOMPOZİT GÖVDE LED TÜP
ETANJ AYDINLATMA ARMATÜLERİ



ARMATÜR ÖZELLİKLERİ

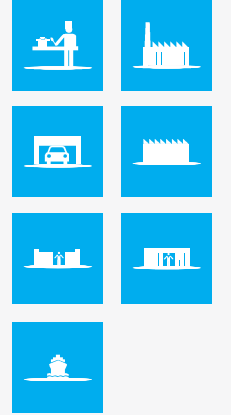
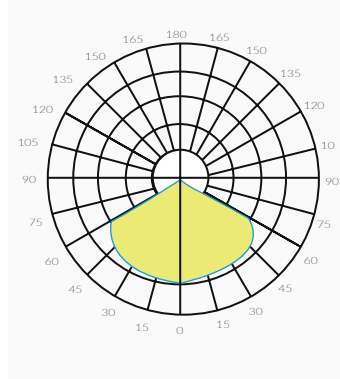
Specifications of Luminaire

GÖVDE : Kompozit Malzeme
Body Composite Material

CONTA : Poliüretan Dökme/Epidien
Gasket Polyurethane Cast/Epidien

CAM: : Şeffaf Akriolik Anti-UV
Diffuser Transparent Acrylic Anti-UV

MANDAL : Polikarbon
Clip Polycarbonate

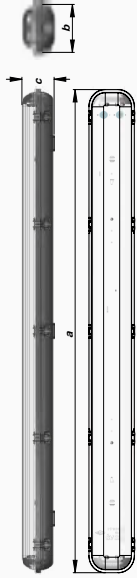


Kod Code	Güç Power (w)	Işık Akısı Luminous	Lamba Lamp	Duy Base	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Koli İç Adedi Pcs/Pack
					A	B	C			
934 53 343 0600 001	1X10	900	T8	G13	682	128	90	3,80	0,025	2
934 53 343 1200 001	1X20	1800	T8	G13	1290	128	90	6,00	0,048	2
934 53 343 1500 001	1X24	2200	T8	G13	1567	128	90	8,00	0,065	2
934 53 343 0600 002	2X10	1800	T8	G13	682	128	90	4,00	0,025	2
934 53 343 1200 002	2X20	3600	T8	G13	1290	128	90	6,50	0,048	2
934 53 343 1500 002	2X24	4400	T8	G13	1567	128	90	8,25	0,065	2

ORLEON TUBE

POLİKARBON GÖVDE LED TÜP ETANJ
AYDINLATMA ARMATÜRLERİ

POLYCARBONATE BODY LED TUBE
WATERPROOF LIGHTING LUMINAIRE



ARMATÜR ÖZELLİKLERİ

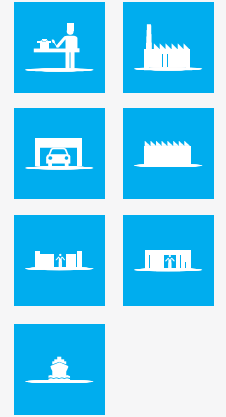
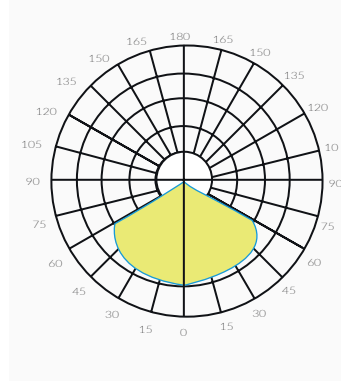
Specifications of Luminaire

GÖVDE : Polikarbon
Body Polycarbonate

MANDAL : Polikarbon / Metal
Clip Polycarbonate / Metal

CAM: : Şeffaf polikarbon
Diffuser Transparent polikarbon

CONTA : Poliüretan dökme/Epidiyen
Gasket Polyurethane cast/Epidiyen

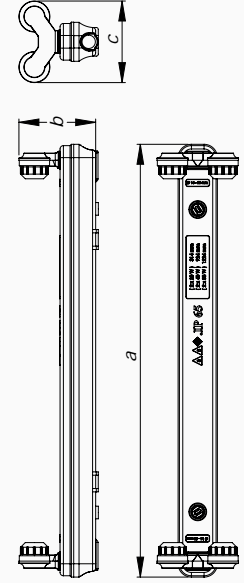


Kod Code	Güç Power (w)	Işık Akısı Luminous	Lamba Lamp	Duy Base	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Koli iç Adedi Pcs/Pack
					A	B	C			
934 54 343 0600 001	1X10	900	T8	G13	665	85	90	3,10	0,020	4
934 54 343 1200 001	1X20	1800	T8	G13	1270	85	90	4,90	0,035	4
934 54 343 1500 001	1X24	2200	T8	G13	1530	85	90	7,10	0,060	4
934 54 343 0600 002	2X10	1800	T8	G13	665	135	90	2,70	0,020	2
934 54 343 1200 002	2X20	3600	T8	G13	1270	135	90	3,90	0,035	2
934 54 343 1500 002	2X24	4400	T8	G13	1530	135	90	5,40	0,060	2

LUPO TUBE

COMPOSITE BODY LED TUBE WATERPROOF
LAMP HOLDER LIGHTING LUMINAIRE

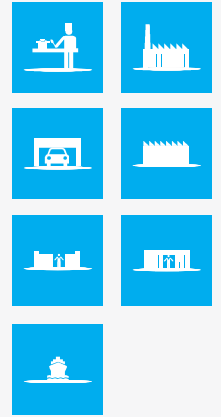
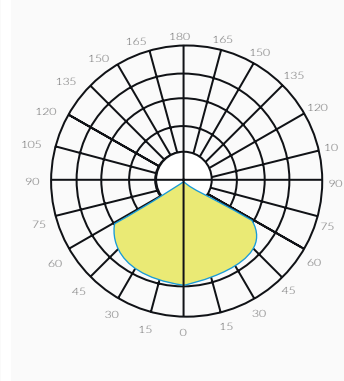
ETANJ DUYLU KOMPOZİT LED TÜP
ETANJ AYDINLATMA ARMATÜRLERİ



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE Body	: Cam Elyaf Katkılı Fibreglas Gövde Fiberglass	CONTA Gasket	: Poliüretan Dökme/Epiden Polyurethane Cast/Epiden
DUYLAR Lamp Holder	: Contalı Etanj Duy Waterproof Lampholder With Gasket	MANDAL Clip	: Polikarbon Polycarbonate



Kod Code	Güç Power (w)	Işık Akısı Luminous	Lamba Lamp	Duy Base	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Koli İç Adedi Pcs/Pack
					A	B	C			
934 55 343 0600 001	1X10	900	T8	G13	650	60	115	11,00	0,050	8
934 55 343 1200 001	1X20	1800	T8	G13	1260	60	115	17,00	0,110	8
934 55 343 1500 001	1X24	2200	T8	G13	1560	60	115	20,00	0,130	8
934 55 343 0600 002	2X10	1800	T8	G13	650	122	115	9,00	0,050	8
934 55 343 1200 002	2X20	3600	T8	G13	1260	122	115	16,00	0,110	8
934 55 343 1500 002	2X24	4400	T8	G13	1560	122	115	17,00	0,130	8

HIGHBAY LIGHTING LUMINAIRES

YÜKSEK TAVAN
ARMATÜRLER

132 - ZİRVE LED

133 - ZİRVE LED

134 - RONDA

135 - QARRE



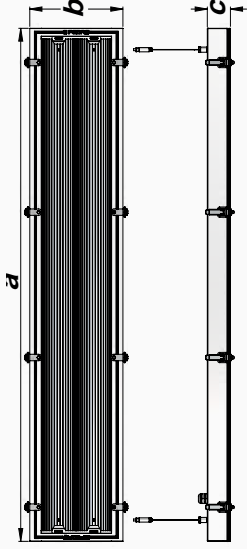
RONDA

RONDA

ZİRVE LED

LED YÜKSEK TAVAN
AYDINLATMA ARMATÜRLERİ

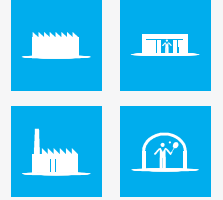
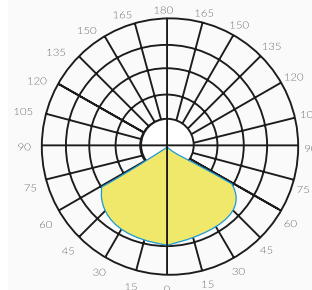
LED HIGH BAY
LIGHTING LUMINAIRES



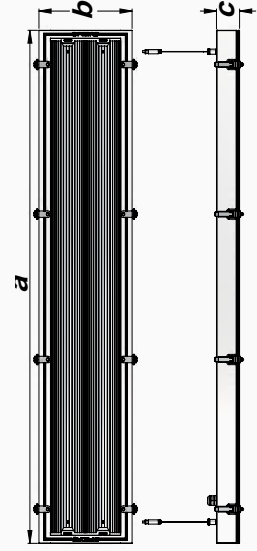
ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Elektrostatik toz boyalı 0,80 mm DKP Sac Body Electrostatic powder painted 0,80 mm DKP sheet	LED : Mid Power
CAM Diffuser : Isıya ve darbelere karşı dayanıklı temperli cam Tempered Glass	PCB : Isı İletkenliği Yüksek PCB High Conductive Heat-Resistance PCB
CONTA Gasket : Poliüretan dökme/Epiden Polyurethane cast/Epiden	Driver : PHILIPS



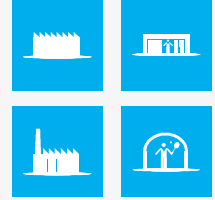
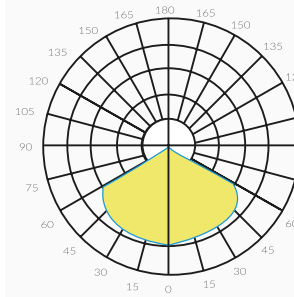
Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Colour	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Adet/Koli Pieces/Box
				A	B	C			
930 9050 050 4000	50	6720	4000-6500	1200	208	67	6,50	0,023	1
930 9050 075 4000	75	8400	4000-6500	1200	208	67	6,50	0,023	1
930 9050 085 4000	85	9600	4000-6500	1200	208	67	6,50	0,023	1
930 9050 112 4000	112	12600	4000-6500	1200	208	67	6,50	0,023	1
930 9050 050 6500	50	6720	4000-6500	1200	208	67	6,50	0,023	1
930 9050 075 6500	75	8400	4000-6500	1200	208	67	6,50	0,023	1
930 9050 085 6500	85	9600	4000-6500	1200	208	67	6,50	0,023	1
930 9050 112 6500	112	12600	4000-6500	1200	208	67	6,50	0,023	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE :	Elektrostatik toz boyalı 0,80 mm DKP Sac LED	: Mid Power
Body	Electrostatic powder painted 0,80 mm DKP sheet	
CAM :	Isıya ve darbelere karşı dayanıklı temperli cam	PCB : Isı iletkenliği Yüksek PCB
Diffuser	Tempered Glass	High Conductive Heat-Resistance PCB
CONTA :	Poliüretan dökme/Epıdien	Driver : PHILIPS
Gasket	Polyurethane cast/Epıdien	TRIDONIC OSRAM
		PLED PEDAS

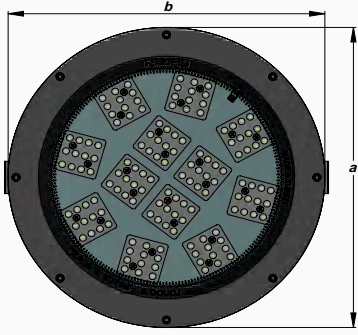
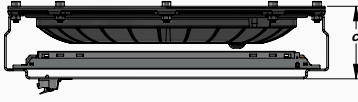


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Colour	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Adet/Koli Pieces/Box
				A	B	C			
930 9050 100 4000	100	13340	4000-6500	1200	400	67	12,00	0,042	1
930 9050 150 4000	150	16800	4000-6500	1200	400	67	12,00	0,042	1
930 9050 170 4000	170	19200	4000-6500	1200	400	67	12,00	0,042	1
930 9050 100 6500	100	13340	4000-6500	1200	400	67	12,00	0,042	1
930 9050 150 6500	150	16800	4000-6500	1200	400	67	12,00	0,042	1
930 9050 170 6500	170	19200	4000-6500	1200	400	67	12,00	0,042	1

RONDA

LED YÜKSEK TAVAN
AYDINLATMA ARMATÜRLERİ

LED HIGHBAY
LIGHTING LUMINAIRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Döküm
Body Aluminium Die-cast

CAM: : Temperli Cam
Diffuser Tempered Glass

CONTA : Poliüretan dökme/Epdiyen
Gasket Polyurethane cast/Epdiyen

OPTİK : PMMA & PC LENS
Optic PMMA & PC LENS

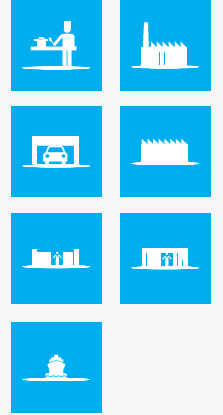
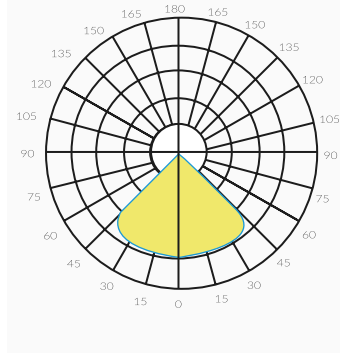
LED : Mid Power

PCB : Isı İletkenliği Yüksek PCB
High Conductive
Heat-Resistance PCB

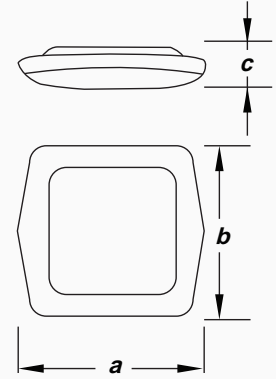
Driver : PHILIPS

TRIDONIC OSRAM

PLED PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Colour	Etkinlik Faktörü Efficiency(lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Koli Weight (Kg)	Hacim Volume (m³)	Ağırlık Weight (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
934 70 342 110 3131 84	110	13640	4000K	124	0,9	300	300	70	2,6	0,007	2,2	1
934 70 342 110 3131 86	110	13640	6500K	124	0,9	300	300	70	2,6	0,007	2,2	1
934 70 342 150 3131 84	150	18600	4000K	124	0,9	360	360	70	3,5	0,010	3	1
934 70 342 150 3131 86	150	18600	6500K	124	0,9	360	360	70	3,5	0,010	3	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Döküm
Body Aluminium Die-cast

CAM: : Temperli Cam
Diffuser Tempered Glass

CONTA : Poliüretan dökme/Epıdien
Gasket Polyurethane cast/Epıdien

OPTİK : PMMA & PC LENS
Optic PMMA & PC LENS

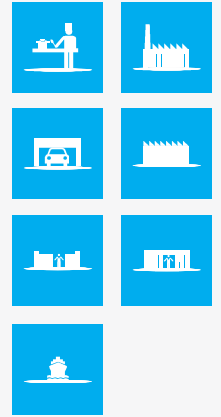
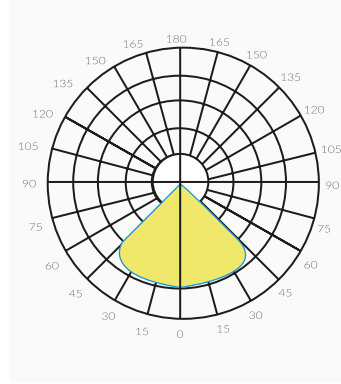
LED : Mid Power

PCB : Isı İletkenliđi Yüksek PCB
High Conductive
Heat-Resistance PCB

Driver : PHILIPS

TRIDONIC OSRAM

PLED PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Colour	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(Ʒ)	Boyutlar Dimensions (mm)			Ağırlık Koli Weight (Kg)	Hacim Volume (m³)	Ağırlık Weight (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
934 71 341 110 3131 84	110	12980	4000K	118	0,9	350	350	70	2,6	0,009	2,2	1
934 71 341 110 3131 86	110	12980	6500K	118	0,9	350	350	70	2,6	0,009	2,2	1
934 71 341 150 3131 84	150	17700	4000K	118	0,9	350	350	70	3,5	0,009	3	1
934 71 341 150 3131 86	150	17700	6500K	118	0,9	350	350	70	3,5	0,009	3	1

CANOPY LIGHTING

KANOPI
ARMATÜRLER

138 LEO

139 UP LEO

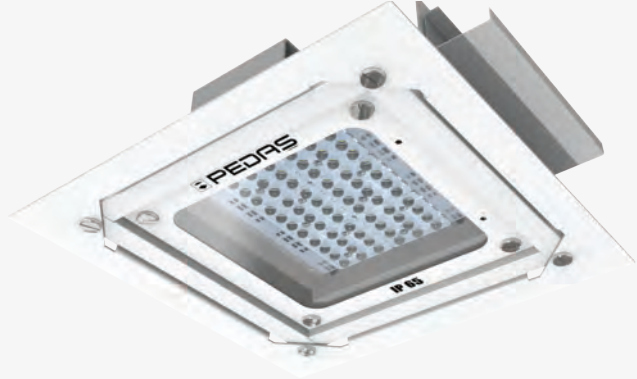
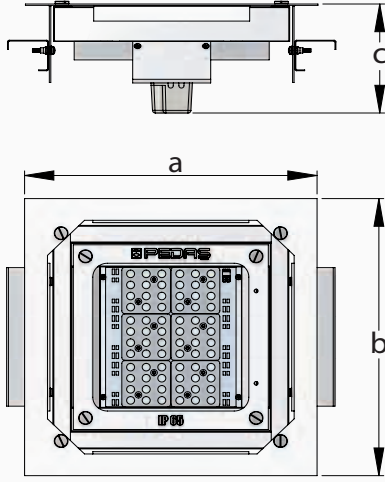
LEO



LEO

SIVA ALTI LED KANOPI AYDINLATMA ARMATÜRLERİ

RECESSED MOUNTED LED RECESSED MOUNTED CANOPY LIGHTING LUMINAİRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Ekstrüzyon, DKP Sac
Body Aluminium Extrusion, DKP Sheet

CAM: : Temperli Cam
Diffuser Tempered Glass

CONTA : Poliüretan dökme/Epiden
Gasket Polyurethane cast/Epiden

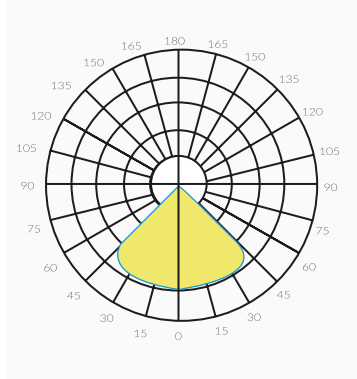
OPTİK : PMMA & PC LENS
Optic PMMA & PC LENS

LED : Mid Power

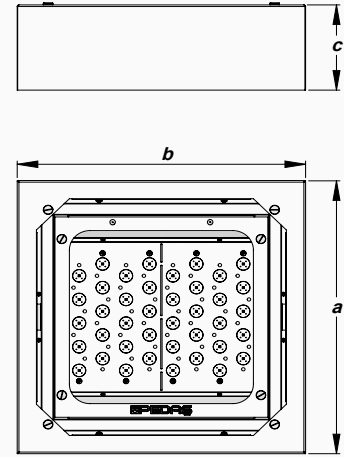
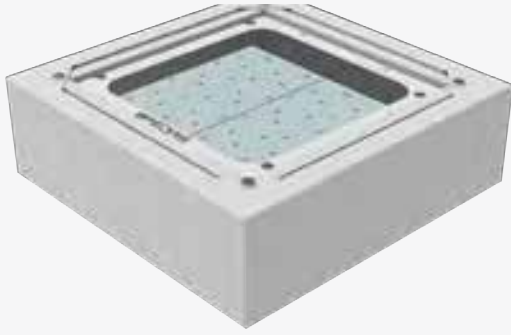
PCB : Isı İletkenliği Yüksek PCB
High Conductive Heat-Resistance PCB

Driver : PHILIPS

TRIDONIC OSRAM



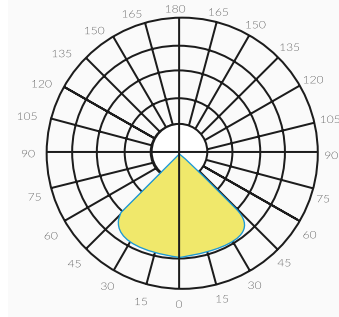
Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Colour	Etkinlik Faktörü Efficiency (lm/w)	Kesim Ölçüsü (mm)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Koli Weight (Kg)	Hacim Volume (m³)	Ağırlık Weight (Kg)	Koli İç Adedi Pcs/Pack
							A	B	C				
934 72 321 065 3131 84	65	7085	4000K	109	255x255	0,9	330	330	120	4,7	0,014	4	1
934 72 321 065 3131 86	65	7085	6500K	109	255x255	0,9	330	330	120	4,7	0,014	4	1
934 72 321 090 3131 84	90	9990	4000K	111	365x365	0,9	420	420	120	5,8	0,023	4,9	1
934 72 321 090 3131 86	90	9990	6500K	111	365x365	0,9	420	420	120	5,8	0,023	4,9	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Ekstrüzyon, DKP Sac Body Aluminium Extrusion, DKP Sheet	LED : Mid Power
CAM: : Temperli Cam Diffuser Tempered Glass	PCB : Isı İletkenliği Yüksek PCB High Conductive Heat-Resistance PCB
CONTA : Poliüretan dökme/Epdiyen Gasket Polyurethane cast/Epdiyen	Driver :
OPTİK : PMMA & PC LENS Optic PMMA & PC LENS	

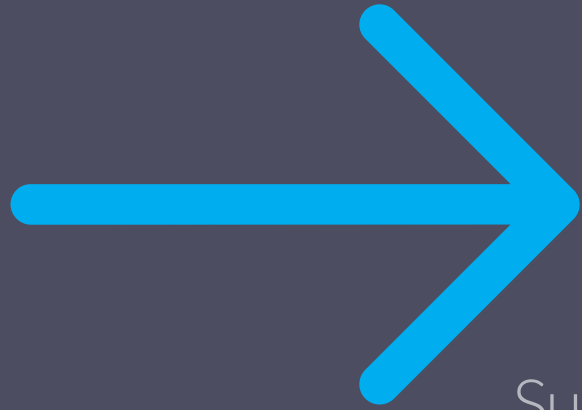


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Colour	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Koli Weight (Kg)	Hacim Volume (m³)	Ağırlık Weight (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
934 73 341 065 3131 84	65	7085	4000K	109	0,9	330	330	120	4,8	0,014	4,1	1
934 73 341 065 3131 86	65	7085	6500K	109	0,9	330	330	120	4,8	0,014	4,1	1
934 73 341 090 3131 84	90	9990	4000K	111	0,9	420	420	120	5,9	0,023	5	1
934 73 341 090 3131 86	90	9990	6500K	111	0,9	420	420	120	5,9	0,023	5	1

OUTDOOR LIGHTING
DIŐ MEKAN
AYDINLATMA



KEŞFET



Survey



ROAD AND STREET LUMINAIRES

YOL VE SOKAK ARMATÜRLER

144 - RETINA

145 - IRIS

146 - QUADRO CEO

147 - QUADRO TEO

148 - QUADRO

149 - ROUGH



RETINA

PEDAS
LED

MADE IN
TURKEY

60
WATT

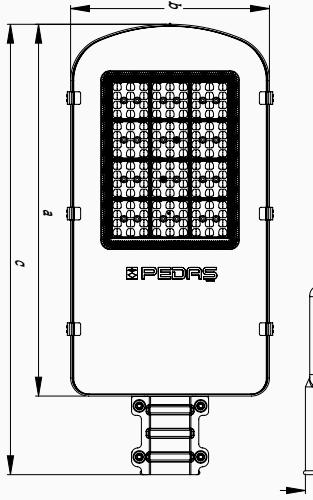
RETINA

LED YOL VE SOKAK
AYDINLATMA ARMATÜRLERİ

LED ROAD AND STREET
LIGHTING LUMINAİRES



EN 60598-2-3



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Döküm
Body Aluminium Die-cast

CAM: : Temperli Cam
Diffuser Tempered Glass

CONTA : Poliüretan dökme/Epdiyen
Gasket Polyurethane cast/Epdiyen

OPTİK : PMMA & PC LENS
Optic PMMA & PC LENS

LED : Mid Power

PCB : Isı İletkenliği Yüksek PCB
High Conductive
Heat-Resistance PCB

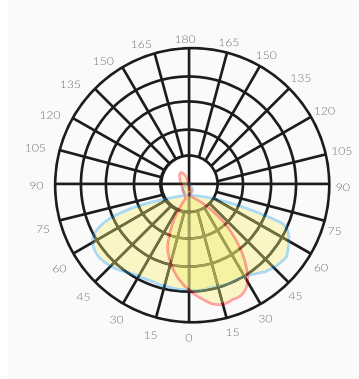
Driver : PHILIPS

TRIDONIC

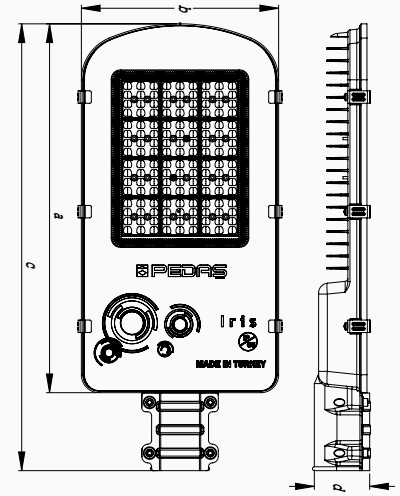
OSRAM

PLED

PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Adet/Koli Pieces/Box
					A	B	C			
935 00 264 030 3131	30	3624	121	2200K - 6500K	510	235	110	2,55	0,013	1
935 00 264 040 3131	40	4724	118	2200K - 6500K	510	235	110	2,55	0,013	1
935 00 264 065 3131	65	7586	117	2200K - 6500K	510	235	110	2,55	0,013	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Döküm
Body Aluminium Die-cast

CAM: : Temperli Cam
Diffuser Tempered Glass

CONTA : Poliüretan dökme/Epdiyen
Gasket Polyurethane cast/Epdiyen

OPTİK : PMMA & PC LENS
Optic PMMA & PC LENS

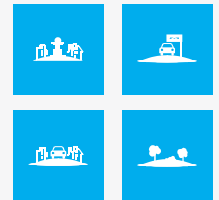
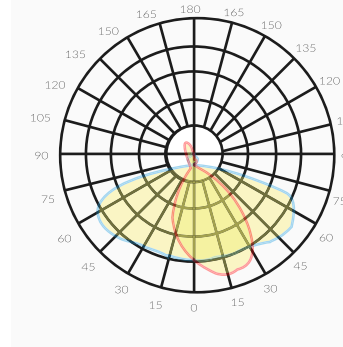
LED : Mid Power

PCB : Isı İletkenliği Yüksek PCB
High Conductive
Heat-Resistance PCB

Driver : PHILIPS

TRIDONIC OSRAM

PLED PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Adet/Koli Pieces/Box
					A	B	C			
935 01 264 090 3131	90	11025	123	2200K - 6500K	605	280	110	4,45	0,019	1
935 01 264 110 3131	110	13101	119	2200K - 6500K	605	280	110	4,45	0,019	1
935 01 264 120 3131	120	14100	118	2200K - 6500K	605	280	110	4,45	0,019	1

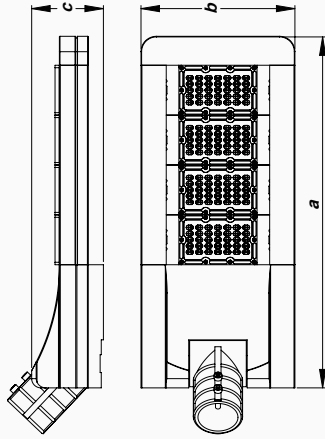
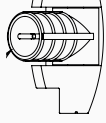
QUADRO CEO

LED YOL VE SOKAK
AYDINLATMA ARMATÜRLERİ

LED ROAD AND STREET
LIGHTING LUMINAİRES



EN 60598-2-3



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Döküm
Body Aluminium Die-cast

CONTA : Silikon Conta/Epdiyen
Gasket Silicon Gasket/Epdiyen

OPTİK : PMMA & PC LENS
Optic PMMA & PC LENS

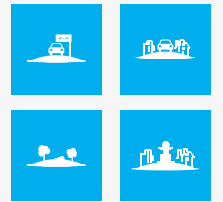
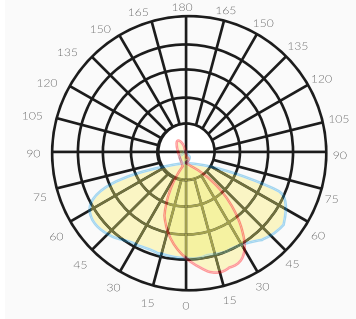
LED : Mid Power

PCB : Isı İletkenliği Yüksek PCB
High Conductive
Heat-Resistance PCB

Driver : PHILIPS

TRIDONIC

OSRAM

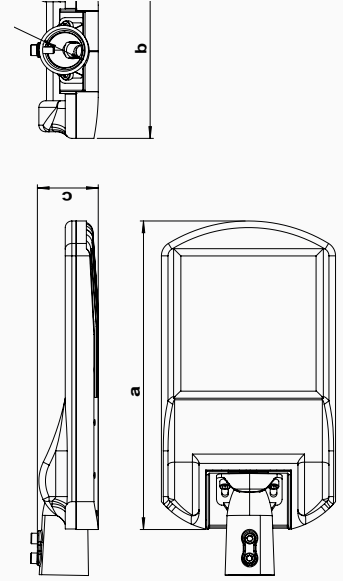


Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Adet/Koli Pieces/Box
					A	B	C			
935 05 264 050 3131	50	6040	121	2200K - 6500K	550	250	70	2,65	0,010	1
935 05 264 060 3131	60	7086	118	2200K - 6500K	550	250	70	2,65	0,010	1
935 05 264 100 3131	100	12080	121	2200K - 6500K	650	250	70	3,65	0,013	1
935 05 264 120 3131	120	14172	118	2200K - 6500K	650	250	70	3,65	0,013	1
935 05 264 150 3131	150	18120	121	2200K - 6500K	750	250	70	4,95	0,014	1
935 05 264 180 3131	180	21258	118	2200K - 6500K	750	250	70	4,95	0,014	1
935 05 264 200 3131	200	24160	121	2200K - 6500K	850	250	70	6,25	0,016	1
935 05 264 250 3131	240	28344	118	2200K - 6500K	850	250	70	6,25	0,016	1
935 05 264 250 3131	250	30200	121	2200K - 6500K	950	250	70	7,5	0,018	1
935 05 264 300 3131	300	35430	118	2200K - 6500K	950	250	70	7,5	0,018	1

QUADRO TEO

LED ROAD AND STREET
LIGHTING LUMINAIRE

LED YOL VE SOKAK
AYDINLATMA ARMATÜRLERİ



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Döküm
Body Aluminium Die-cast

CAM: : Temperli Cam
Diffuser Tempered Glass

CONTA : Poliüretan dökme/Epiden
Gasket Polyurethane cast/Epiden

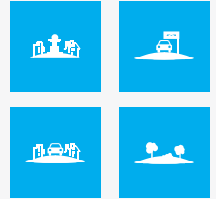
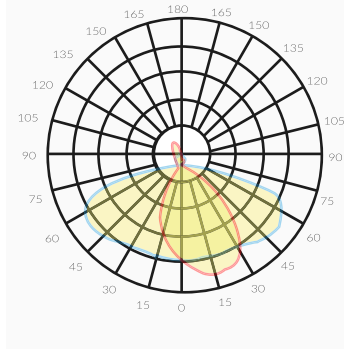
OPTİK : PMMA & PC LENS
Optic PMMA & PC LENS

LED : Mid Power

PCB : Isı İletkenliği Yüksek PCB
High Conductive
Heat-Resistance PCB

Driver : PHILIPS

TRIDONIC OSRAM



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Adet/Koli Pieces/Box
					A	B	C			
935 03 264 090 3131	90	11025	123	2200K - 6500K	468	264	92	5,75	0,016	1
935 03 264 110 3131	110	13101	119	2200K - 6500K	468	264	92	5,75	0,016	1
935 03 264 120 3131	120	14100	118	2200K - 6500K	468	264	92	5,75	0,016	1
935 03 264 150 3131	150	16650	111	2200K - 6500K	468	264	92	6,00	0,016	1

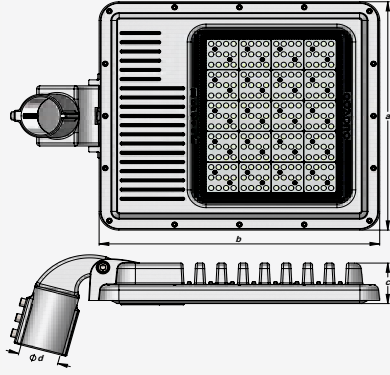
QUADRO

LED YOL VE SOKAK
AYDINLATMA ARMATÜRLERİ

LED ROAD AND STREET
LIGHTING LUMINAİRES



EN 60598-2-3



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Döküm
Body Aluminium Die-cast

CAM: : Temperli Cam
Diffuser Tempered Glass

CONTA : Poliüretan dökme/Epüdien
Gasket Polyurethane cast/Epüdien

OPTİK : PMMA & PC LENS
Optic PMMA & PC LENS

LED : Mid Power

PCB : Isı İletkenliđi Yüksek PCB
High Conductive
Heat-Resistance PCB

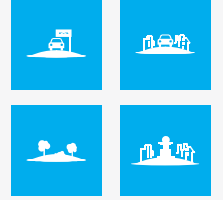
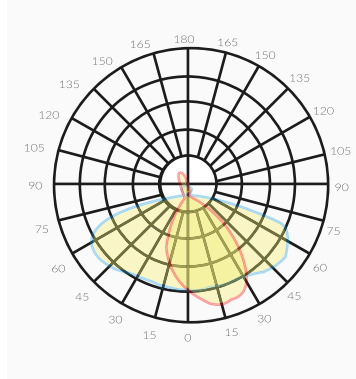
Driver : PHILIPS

TRIDONIC

OSRAM

PLED

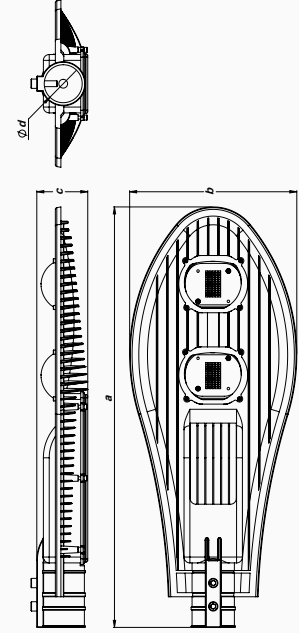
PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Adet/Koli Pieces/Box
					A	B	C			
935 02 264 120 3131	120	14700	123	2200K - 6500K	580	395	115	8,65	0,026	1
935 02 264 130 3131	130	15483	119	2200K - 6500K	580	395	115	8,65	0,026	1
935 02 264 150 3131	150	17700	118	2200K - 6500K	580	395	115	8,65	0,026	1
935 02 264 160 3131	160	18720	117	2200K - 6500K	580	395	115	8,65	0,026	1
935 02 264 180 3131	180	20880	116	2200K - 6500K	580	395	115	8,65	0,026	1



EN 60598-2-3



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Döküm
Body Aluminium Die-cast

CAM: : Temperli Cam
Diffuser Tempered Glass

CONTA : Poliüretan dökme/Epdiyen
Gasket Polyurethane cast/Epdiyen

OPTİK : Cam Lens
Optic Glass Lens

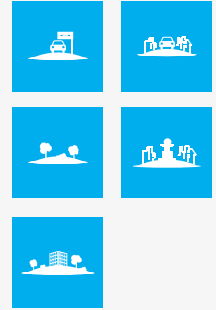
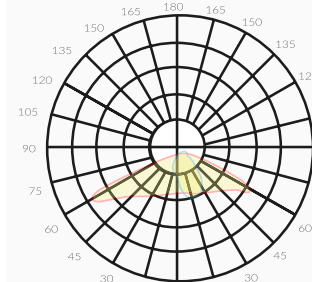
LED : Mid Power

PCB : Isı İletkenliği Yüksek PCB
High Conductive
Heat-Resistance PCB

Driver : **PHILIPS**

TRIDONIC **OSRAM**

PLED **PEDAS**



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Adet/Koli Pieces/Box
					A	B	C			
935 04 264 030 2131	30	3522	117	2200K - 6500K	410	300	190	6,00	0,023	5
935 04 264 050 2131	50	5965	119	2200K - 6500K	520	250	90	2,43	0,026	1
935 04 264 100 2131	100	11930	119	2200K - 6500K	745	300	125	5,33	0,026	1
935 04 264 150 2131	150	17895	119	2200K - 6500K	900	355	125	7,07	0,026	1
935 04 264 200 2131	200	23860	119	2200K - 6500K	950	350	80	7,80	0,038	1
935 04 264 250 2131	250	29825	119	2200K - 6500K	1100	350	80	9,30	0,047	1

FLOODLIGHTS

PROJEKTÖRLER

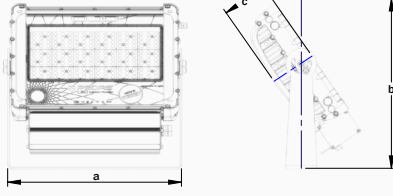
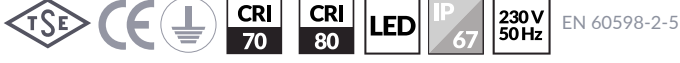
152 - OJO

154 - OJO ANGEL

155 - VISION

OJO





ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Ekstrüzyon
Body Aluminium Extrusion

CAM: : Temperli Cam
Diffuser Tempered Glass

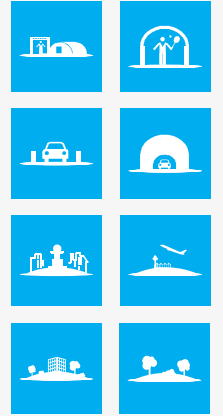
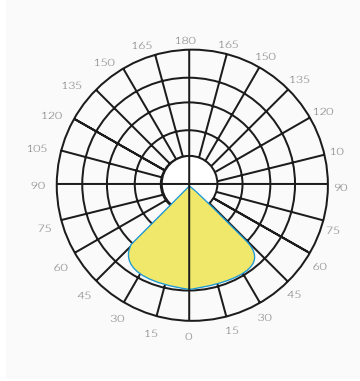
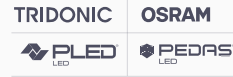
CONTA : Silikon Conta / Epidien
Gasket Silicon Gasket / Epidien

OPTİK : PMMA & PC LENS
Optic PMMA & PC LENS

LED : Mid Power

PCB : Isı İletkenliği Yüksek PCB
High Conductive
Heat-Resistance PCB

Driver : PHILIPS



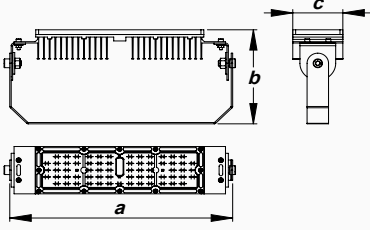
Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Adet/Koli Pieces/Box
					A	B	C			
935 50 274 160 3131	160	19328	121	2200K - 6500K	520	455	190	11,24	0,045	1
935 50 274 220 3131	220	25982	118	2200K - 6500K	555	455	190	13,77	0,048	1
935 50 274 330 3131	330	38511	117	2200K - 6500K	780	530	240	18,91	0,099	1



OJO ANGEL

LED PROJEKTÖRLER

LED FLOODLIGHTS



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

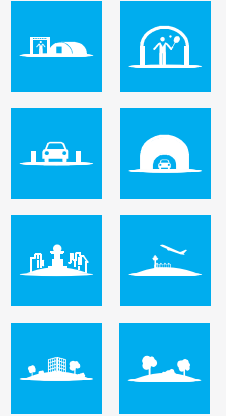
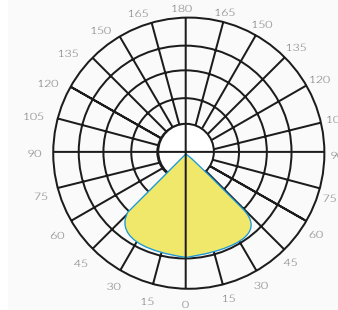
GÖVDE : Alüminyum Ekstrüzyon
Body Aluminium Extrusion

CONTA : Silikon Conta / Epidien
Gasket Silicon Gasket / Epidien

OPTİK : PMMA & PC LENS
Optic PMMA & PC LENS

LED : Mid Power
PCB : Isı İletkenliği Yüksek PCB
High Conductive
Heat-Resistance PCB

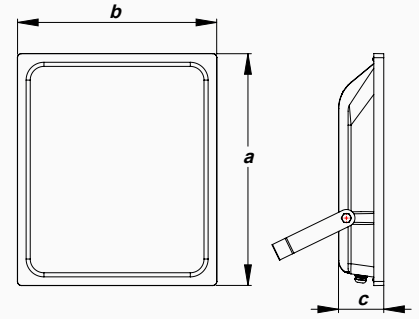
Driver : PHILIPS
TRIDONIC OSRAM
PLED PEDAS



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Adet/Koli Pieces/Box
					A	B	C			
935 52 274 050 3131	50	6040	121	2200K - 6500K	300	70	45	1,20	0,0010	1
935 52 274 060 3131	60	7086	118	2200K - 6500K	300	70	45	1,20	0,0010	1
935 52 274 100 3131	100	12080	121	2200K - 6500K	300	140	45	2,45	0,0022	1
935 52 274 120 3131	120	14172	118	2200K - 6500K	300	140	45	2,45	0,0022	1
935 52 274 150 3131	150	18120	121	2200K - 6500K	300	210	45	3,65	0,0030	1
935 52 274 180 3131	180	21258	118	2200K - 6500K	300	210	45	3,65	0,0030	1
935 52 274 200 3131	200	24160	121	2200K - 6500K	300	280	45	5,00	0,0042	1
935 52 274 240 3131	240	28344	118	2200K - 6500K	300	280	45	5,00	0,0042	1
935 52 274 250 3131	250	30200	121	2200K - 6500K	300	350	45	6,25	0,0052	1
935 52 274 060 3131	300	35430	118	2200K - 6500K	300	350	45	6,25	0,0052	1



EN 60598-2-5



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Alüminyum Döküm
Body Aluminium Die-cast

CAM: : Temperli Cam
Diffuser Tempered Glass

CONTA : Poliüretan dökme/Epiden
Gasket Polyurethane cast/Epiden

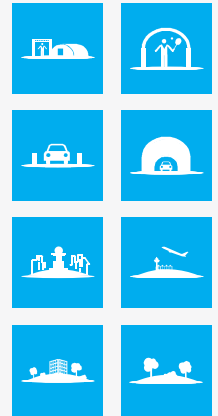
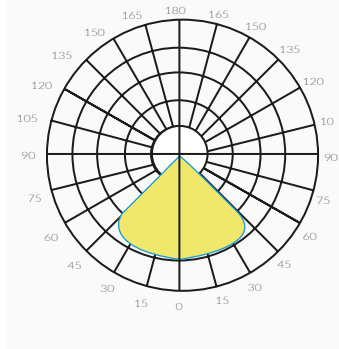
OPTİK : Alüminyum Reflektör
Optic Aluminium Reflector

LED : Mid Power

PCB : Isı İletkenliği Yüksek PCB
High Conductive
Heat-Resistance PCB

Driver : PHILIPS

TRIDONIC OSRAM



Kod Code	Güç Power (w)	Işık Akısı Luminous	Etkinlik Faktörü Efficiency (lm/w)	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Adet/Koli Pieces/Box
					A	B	C			
935 51 274 030 2171	30	3480	116	2200K - 6500K	225	225	65	1,50	0,0030	1
935 51 274 050 2171	50	5900	118	2200K - 6500K	290	344	70	2,30	0,0070	1
935 51 274 100 2171	100	11800	118	2200K - 6500K	290	344	90	3,25	0,0070	1
935 51 274 150 2171	150	17700	118	2200K - 6500K	425	325	200	8,00	0,0270	1
935 51 274 200 2171	200	23600	118	2200K - 6500K	425	325	200	12,50	0,0270	1

WALLWASHERS

WALLWASHER
ARMATÜRLER

158 - METRO

159 - VETRA

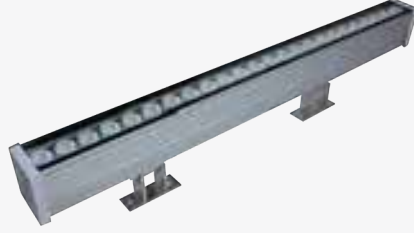
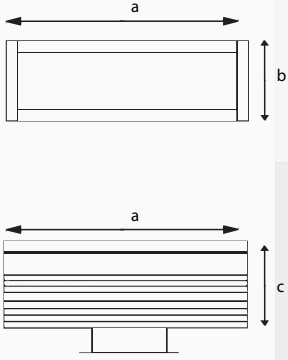


METRO

METRO

LED WALLWASHER AYDINLATMA ARMATÜRLERİ

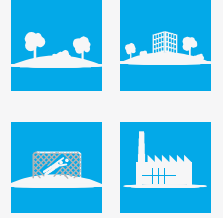
LED WALLWASHER LIGHTING LUMINAIRES



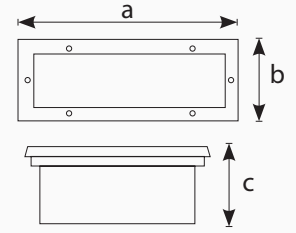
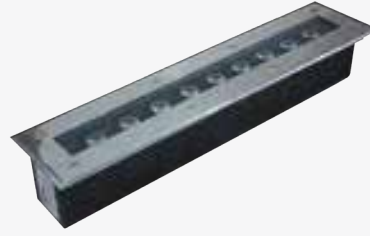
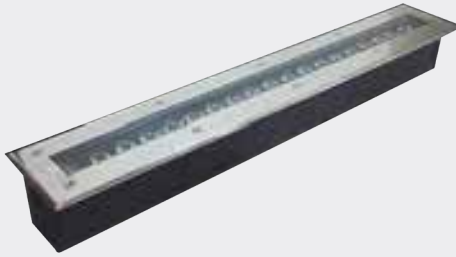
ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Body	Alüminyum Aluminium	OPTİK : Optic	Temperli Cam Tempred Glasses
LENS : Lens	Akrilik (10°- 80°) Acrylic (10°- 80°)	LED : Power Led	
BOYA : Paint	Eloksal Anodized	Driver :	PHILIPS MEAN WELL TRIDONIC OSRAM PLED PEDAS
PCB :	Isı İletkenliği Yüksek Alüminyum PCB High Conductive Head - Resistant Aluminum PCB		



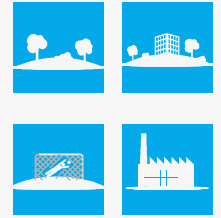
Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(ç)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack	
						A	B	C					
930 8005 003	4000	3x1w	360	Beyaz(White)	120	0,9	105	50	140	0,35	0,001	0,45	1
930 8005 006	4000	6x1w	720	Mavi(Blue)	120	0,9	185	50	140	0,50	0,001	0,60	1
930 8005 009	4000	9x1w	1080	Yeşil(Green)	120	0,9	280	50	140	0,70	0,002	0,80	1
930 8005 012	4000	12x1w	1440	Kırmızı(Red)	120	0,9	360	50	140	1,00	0,003	1,10	1
930 8005 018	4000	18x1w	2160	Amber	120	0,9	570	50	140	1,50	0,004	1,70	1
930 8005 024	4000	24x1w	2880	(Amber) Gün	120	0,9	650	50	140	1,80	0,005	2,00	1
930 8005 036	4000	36x1w	4320	Işığı(W.W)	120	0,9	1000	50	140	2,50	0,007	2,80	1
930 8005 045	4000	45x1w	5400	RGB(RGB)	120	0,9	1300	50	140	2,90	0,009	3,30	1
930 8005 072	4000	72x1w	8640		120	0,9	2000	50	140	4,40	0,014	5,00	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE / Body : Alüminyum Enjeksiyon / Paslanmaz Çelik Aluminium Die- Cast Stainless steel	OPTİK / Optic : 10mm Temperli Cam 10mm Tempered Glasses
LENS / Lens : Akrilik (10°- 80°) Acrylic (10°- 80°)	LED : Power Led
BOYA / Paint : Elektrostatik Toz Boya Electrostatics Powder Paint	Driver : PHILIPS MEAN WELL TRIDONIC OSRAM
PCB : Isı İletkenliği Yüksek Alüminyum PCB High Conductive Head - Resistant Aluminium PCB	PLED LED PEDAS LED



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Kesim Ölçüsü Cut Size	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
							A	B	C				
91020010910001	9x1w	1080	Beyaz(White)	120	250*40	0,9	300	90	65	1,70	0,003	2,00	1
91020011810001	18x1w	2160	Mavi(Blue)	120	540*40	0,9	600	100	65	3,50	0,005	3,90	1
91020013610001	36x1w	4320	Yeşil(Green) Kırmızı(Red) Amber (Amber) Gün Işığı(W.W) RGB(RGB)	120	960*40	0,9	1000	100	65	5,50	0,010	6,00	1

PARK AND GARDEN LUMINAIRES

PARK VE BAHÇE ARMATÜRLERİ

162 - LETTO

163 - TANGRAM

164 - POINT

165 - RENOVA

166 - VIA

167 - DIGITAL

168 - VOID

169 - PERA

170 - WESTERN

171 - CAMEL

173 - LINEA

174 - CROSS

175 - HERSON

176 - ALTIRA

177 - GAP

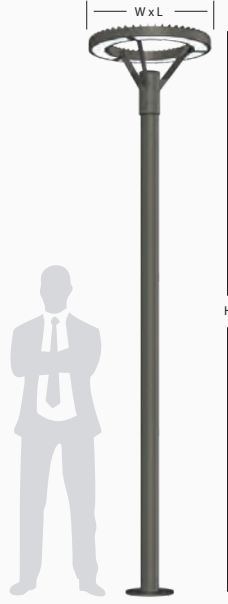
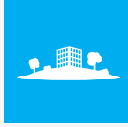


LETTO

LETTO

LED PARK BAHÇE
AYDINLATMA ARMATÜRLERİ

PARK GARDEN LIGHTINGS
LUMINAIRES

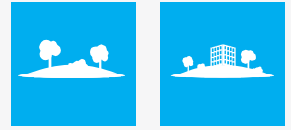
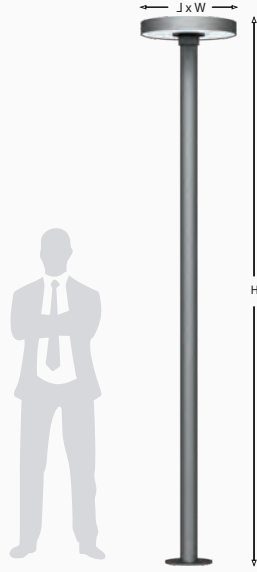


ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

- ARMATÜR Luminaire** : Korozyona dayanıklı alüminyum gövde, polikarbon difüzörlü
Corrosion resistant aluminium housing with polycarbonate diffuser
- DİREK Pole** : Sıcak daldırma galvanizli, armatür giriş çapı Ø 90 mm
Hot dip galvanised steel pole, Ø 90 mm mounting fixture
- YÜZEY KAPLAMA Surface Coating** : Kimyasal işlemeli, kuşlama, elektrostatik toz kaplama
Chemical surface treatment, sand blasting, electrostatic powder coating
- MONTAJ KABLOSU Installation Cable** : 3x1,5 mm
- RENK Colour** : Standart renkler veya farklı RAL kodlarında
Standart colors or optinal RAL codes

Kod Code	Güç Power (w)	Işık Kaynağı Illumination	Işık Akısı Luminous	Işık Rengi Light Colour	Boyutlar Dimensions (mm)		
					A	B	C
936.8010.040.3000	40	LED	4080	3000K / 4000K	595	595	3300
936.8010.060.3000	60	LED	6120	3000K / 4000K	595	595	4300



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

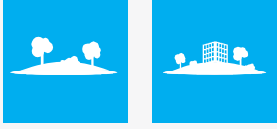
- ARMATÜR Luminaire** : Korozyona dayanıklı alüminyum gövde, polikarbon difüzörlü
Corrosion resistant aluminium housing with polycarbonate diffuser
- DİREK Pole** : Sıcak daldırma galvanizli, armatür giriş çapı Ø 90 mm
Hot dip galvanised steel pole, Ø 90 mm mounting fixture
- YÜZEY KAPLAMA Surface Coating** : Kimyasal işlemeli, kumlama, elektrostatik toz kaplama
Chemical surface treatment, sand blasting, electrostatic powder coating
- MONTAJ KABLOSU Installation Cable** : 3x1,5 mm
- RENK Colour** : Standart renkler veya farklı RAL kodlarında
Standart colors or optinal RAL codes

Kod Code	Güç Power (w)	Işık Kaynağı Illumination	Işık Akısı Luminous	Işık Rengi Light Colour	Boyutlar Dimensions (mm)		
					A	B	C
936 8012 035 3000	35	LED	3500	3000K / 4000K	400	400	3000
936 8012 060 3000	60	LED	6600	3000K / 4000K	550	550	4000

POINT

PARK BAHÇE AYDINLATMA
ARMATÜRLERİ

PARK GARDEN LIGHTINGS
LUMINAIRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

ARMATÜR Luminaire	: Korozyona dayanıklı alüminyum gövde, opal plexglas Corrosion resistant aluminium housing with opal plexglas diffuser
DİREK Pole	: Alüminyum ekstrüzyon Extrusion aluminium
YÜZEY KAPLAMA Surface Coating	: Kimyasal işlemeli, kumlama, elektrostatik toz kaplama Chemical surface treatment, sand blasting, electrostatic powder coating
MONTAJ KABLOSU Installation Cable	: 3x1,5 mm
RENK Colour	: Standart renkler veya farklı RAL kodlarında Standart colors or optinal RAL codes

Kod Code	Güç Power (w)	Işık Kaynağı Illumination	Işık Akısı Luminous	Işık Rengi Light Colour	Boyutlar Dimensions (mm)	
					A	Ø
936 8026 035 4000	35	LED	3650	4000K / 6500K	3000	150
936 8026 060 4000	60	LED	6600	4000K / 6500K	3000	150



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

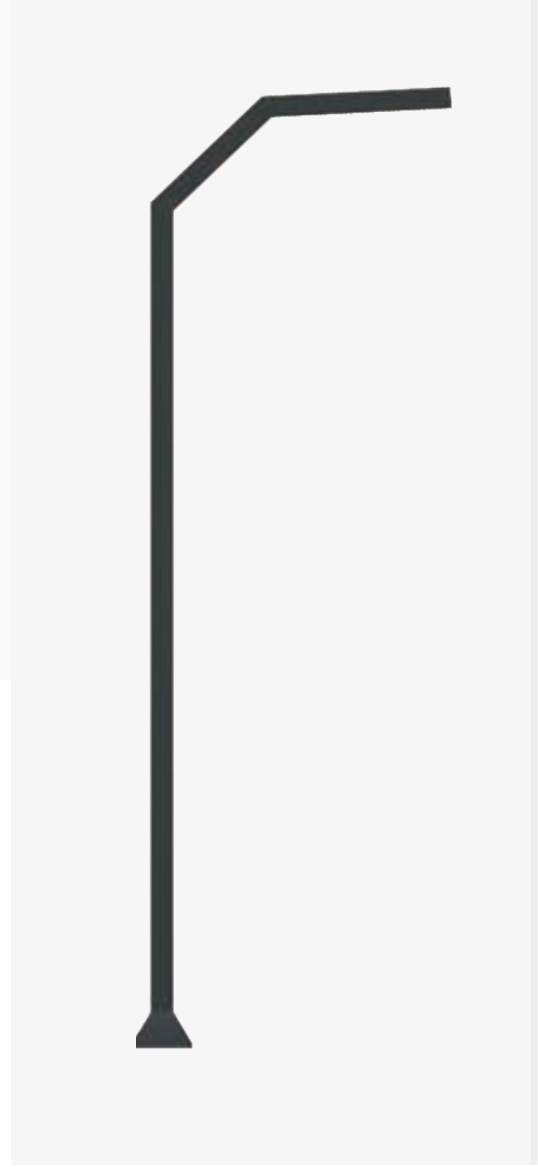
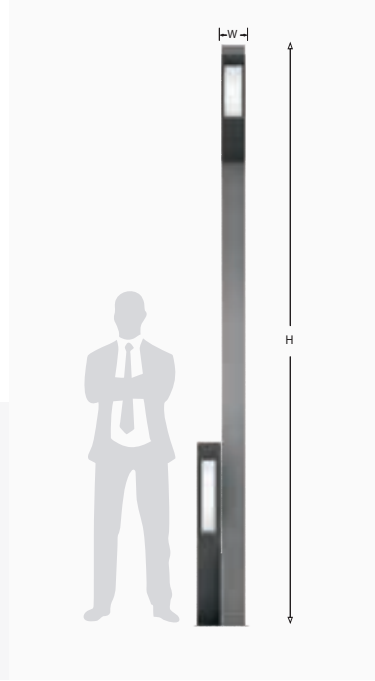
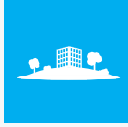
- ARMATÜR Luminaire** : Korozyona dayanıklı alüminyum gövde, plexglas difüzörlü
Corrosion resistant aluminium housing with plexglas diffuser
- DİREK Pole** : Alüminyum boru
Aluminium
- YÜZEY KAPLAMA Surface Coating** : Kimyasal işlemeli, kumlama, elektrostatik toz kaplama
Chemical surface treatment, sand blasting, electrostatic powder coating
- MONTAJ KABLOSU Installation Cable** : 3x1,5 mm
- RENK Colour** : Standart renkler veya farklı RAL kodlarında
Standart colors or optinal RAL codes

Kod Code	Güç Power (w)	Işık Kaynağı Illumination	Işık Akısı Luminous	Işık Rengi Light Colour	Boyutlar Dimensions (mm)	
					A	B
936 8017 035 4000	35	LED	3650	4000K / 6500K	200	3000
936 8017 060 4000	60	LED	6600	4000K / 6500K	200	3000

VIA

PARK BAHÇE AYDINLATMA ARMATÜRLERİ

PARK GARDEN LIGHTINGS LUMINAIRES

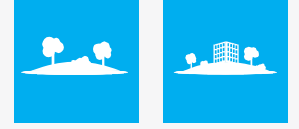
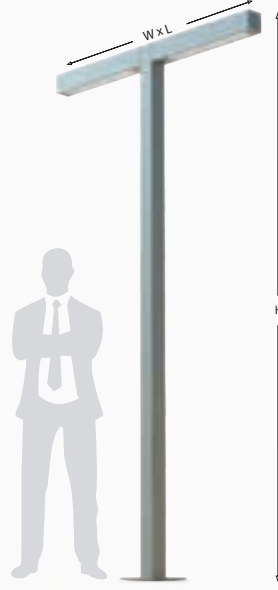
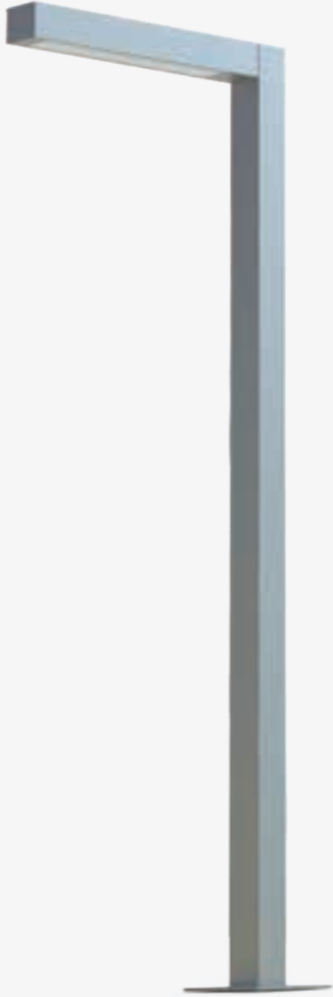


ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

ARMATÜR Luminaire	: Korozyona dayanıklı alüminyum gövde, temperli cam Corrosion resistant aluminium housing with tempered glass diffuser
DİREK Pole	: Alüminyum ekstrüzyon Extrusion aluminium
YÜZEY KAPLAMA Surface Coating	: Kimyasal işlemeli, kumlama, elektrostatik toz kaplama Chemical surface treatment, sand blasting, electrostatic powder coating
MONTAJ KABLOSU Installation Cable	: 3x1,5 mm
RENK Colour	: Standart renkler veya farklı RAL kodlarında Standart colors or optinal RAL codes

Kod Code	Güç Power (w)	Işık Kaynağı Illumination	Işık Akısı Luminous	Işık Rengi Light Colour	Boyutlar Dimensions (mm)		
					A	B	C
936 8014 040 3000	40	LED	4050	3000K / 4000K	200	1000	3200
936 8014 060 3000	60	LED	6200	3000K / 4000K	200	1000	3200



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

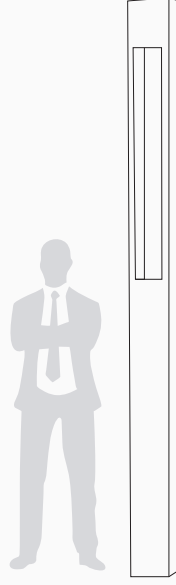
ARMATÜR Luminaire	: Korozyona dayanıklı alüminyum gövde, temperli cam Corrosion resistant aluminium housing with tempered glass diffuser
DİREK Pole	: Alüminyum ekstrüzyon Extrusion aluminium
YÜZEY KAPLAMA Surface Coating	: Kimyasal işlemeli, kumlama, elektrostatik toz kaplama Chemical surface treatment, sand blasting, electrostatic powder coating
MONTAJ KABLOSU Installation Cable	: 3x1,5 mm
RENK Colour	: Standart renkler veya farklı RAL kodlarında Standart colors or optinal RAL codes

Kod Code	Güç Power (w)	Işık Kaynağı Illumination	Işık Akısı Luminous	Işık Rengi Light Colour	Boyutlar Dimensions (mm)		
					A	B	C
936 8013 040 3000	40	LED	4050	3000K / 4000K	100	700	3200
936 8013 060 3000	60	LED	6200	3000K / 4000K	100	700	3200
936 8013 240 3000	2x40	LED	2x4050	3000K / 4000K	100	1400	3200
936 8013 260 3000	2x60	LED	2x6200	3000K / 4000K	100	1400	3200

VOID

PARK BAHÇE AYDINLATMA ARMATÜRLERİ

PARK GARDEN LIGHTINGS LUMINAİRES

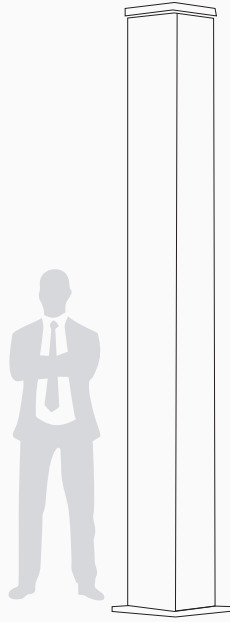


ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

ARMATÜR Luminaire	: Korozyona dayanıklı alüminyum gövde, polikarbon difüzörlü Corrosion resistant aluminium housing with polycarbonate diffuser
DİREK Pole	: Alüminyum ekstrüzyon Extrusion aluminium
YÜZEY KAPLAMA Surface Coating	: Kimyasal işlemeli, kumlama, elektrostatik toz kaplama Chemical surface treatment, sand blasting, electrostatic powder coating
MONTAJ KABLOSU Installation Cable	: 3x1,5 mm
RENK Colour	: Standart renkler veya farklı RAL kodlarında Standart colors or optinal RAL codes

Kod Code	Güç Power (w)	Işık Kaynağı Illumination	Işık Akısı Luminous	Işık Rengi Light Colour	Boyutlar Dimensions (mm)		
					A	B	C
936 8016 240 3000	2x40	LED	2x4050	3000K / 4000K	150	100	3200
936 8016 260 3000	2x60	LED	2x6200	3000K / 4000K	150	100	3200



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

ARMATÜR Luminaire	: Korozyona dayanıklı alüminyum gövde, polikarbon difüzörlü Corrosion resistant aluminium housing with polycarbonate diffuser
DİREK Pole	: Alüminyum ekstrüzyon Extrusion aluminium
YÜZEY KAPLAMA Surface Coating	: Kimyasal işlemeli, kumlama, elektrostatik toz kaplama Chemical surface treatment, sand blasting, electrostatic powder coating
MONTAJ KABLOSU Installation Cable	: 3x1,5 mm
RENK Colour	: Standart renkler veya farklı RAL kodlarında Standart colors or optinal RAL codes

Kod Code	Güç Power (w)	Işık Kaynağı Illumination	Işık Akısı Luminous	Işık Rengi Light Colour	Boyutlar Dimensions (mm)		
					A	B	C
936 8015 045 4000	45	LED	4275	4000K / 6500K	120	120	1000

WESTERN

PARK BAHÇE AYDINLATMA ARMATÜRLERİ

PARK GARDEN LIGHTINGS LUMINAIRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

ARMATÜR Luminaire	: Korozyona dayanıklı alüminyum gövde, polikarbon difüzörlü Corrosion resistant aluminium housing with polycarbonate diffuser
DİREK Pole	: Sıcak daldırma galvanizli çelik Hot dip galvanised steel pole
YÜZEY KAPLAMA Surface Coating	: Kimyasal işlemeli, kuşlama, elektrostatik toz kaplama Chemical surface treatment, sand blasting, electrostatic powder coating
MONTAJ KABLOSU Installation Cable	: 3x1,5 mm
RENK Colour	: Standart renkler veya farklı RAL kodlarında Standart colors or optimal RAL codes

Kod Code	Güç Power (w)	Işık Kaynağı Illumination	Işık Akısı Luminous	Işık Rengi Light Colour	Boyutlar Dimensions (mm)		
					A	B	C
936 8020 050 5000	50	LED	6000	5000K / 6500K	450	450	2900
936 8020 080 5000	80	LED	9600	5000K / 6500K	450	450	3900



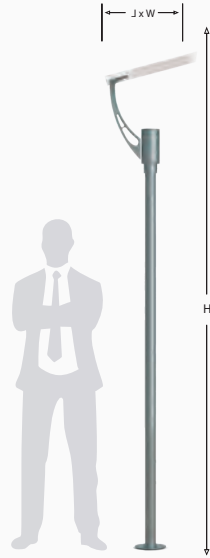
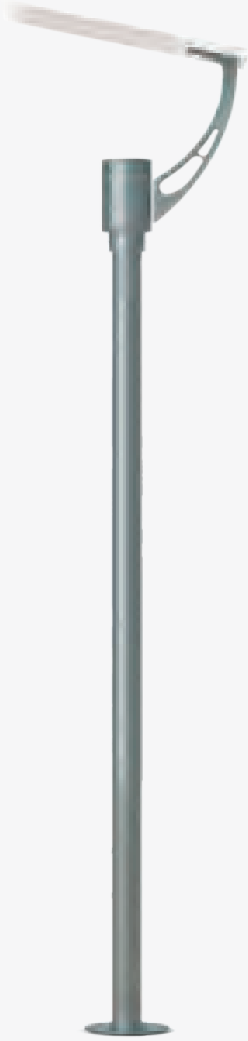
ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

- ARMATÜR Luminaire** : Korozyona dayanıklı alüminyum gövde, polikarbon cam
Corrosion resistant aluminium housing with polycarbonate diffuser
- DİREK Pole** : Sıcak daldırma galvanizli çelik
Hot dip galvanised steel pole
- YÜZEY KAPLAMA Surface Coating** : Kimyasal işlemeli, kumlama, elektrostatik toz kaplama
Chemical surface treatment, sand blasting, electrostatic powder coating
- MONTAJ KABLOSU Installation Cable** : 3x1,5 mm
- RENK Colour** : Standart renkler veya farklı RAL kodlarında
Standart colors or optinal RAL codes

Kod Code	Güç Power (w)	Işık Kaynağı Illumination	Işık Akısı Luminous	Işık Rengi Light Colour	Boyutlar Dimensions (mm)		
					A	B	C
936 8019 060 5000	60	LED	6600	5000K / 6500K	350	400	4800
936 8019 090 5000	90	LED	9900	5000K / 6500K	350	400	4800





ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

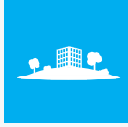
- ARMATÜR Luminaire** : Korozyona dayanıklı alüminyum gövde, temperli cam ve opal plexglas
Corrosion resistant aluminium housing with tempered glass and opal plexglas diffuser
- DİREK Pole** : Armatür giriş çapı Ø 150 mm
Ø 150 mm mounting fixture
- YÜZEY KAPLAMA Surface Coating** : Kimyasal işlemeli, kumlama, elektrostatik toz kaplama
Chemical surface treatment, sand blasting, electrostatic powder coating
- MONTAJ KABLOSU Installation Cable** : 3x1,5 mm
- RENK Colour** : Standart renkler veya farklı RAL kodlarında
Standart colors or optimal RAL codes

Kod Code	Güç Power (w)	Işık Kaynağı Illumination	Işık Akısı Luminous	Işık Rengi Light Colour	Boyutlar Dimensions (mm)	
					h	ø
936 8027 060 5000	60	LED	6600 lm	5000K / 6500K	3600	156
936 8027 090 5000	90	LED	9900 lm	5000K / 6500K	3600	156

CROSS

PARK BAHÇE AYDINLATMA
ARMATÜRLERİ

PARK GARDEN LIGHTINGS
LUMINAIRES

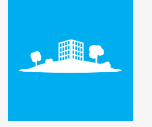
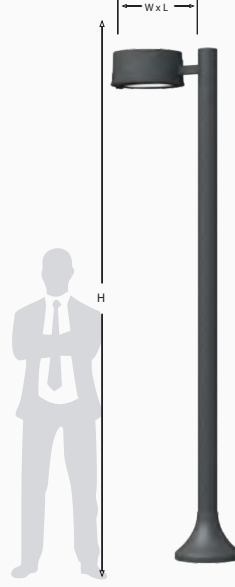


ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

ARMATÜR Luminaire	: Korozyona dayanıklı alüminyum gövde, temperli cam Corrosion resistant aluminium housing with tempered glass
DİREK Pole	: Sıcak daldırma galvanizli boru Hot dip galvanised pole
YÜZEY KAPLAMA Surface Coating	: Kimyasal işlemeli, kuşlama, elektrostatik toz kaplama Chemical surface treatment, sand blasting, electrostatic powder coating
MONTAJ KABLOSU Installation Cable	: 3x1,5 mm
RENK Colour	: Standart renkler veya farklı RAL kodlarında Standart colors or optinal RAL codes

Kod Code	Güç Power (w)	Işık Kaynağı Illumination	Işık Akısı Luminous	Işık Rengi Light Colour	Boyutlar Dimensions (mm)		
					A	B	C
936 8018 120 5000	120	LED	12570	5000K / 6500K	650	350	8000



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

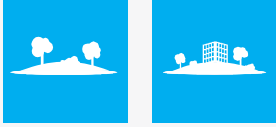
ARMATÜR Luminaire	: Korzyona dayanıklı alüminyum gövde, polikarbon cam Corrosion resistant aluminium housing with polycarbonate diffuser
DİREK Pole	: Sıcak daldırma galvanizli çelik Hot dip galvanised steel pole
YÜZEY KAPLAMA Surface Coating	: Kimyasal işlemeli, kumlama, elektrostatik toz kaplama Chemical surface treatment, sand blasting, electrostatic powder coating
MONTAJ KABLOSU Installation Cable	: 3x1,5 mm
RENK Colour	: Standart renkler veya farklı RAL kodlarında Standart colors or optinal RAL codes

Kod Code	Güç Power (w)	Işık Kaynağı Illumination	Işık Akısı Luminous	Işık Rengi Light Colour	Boyutlar Dimensions (mm)		
					A	B	C
936 8021 060 5000	60	LED	7200	5000K / 6500K	650	350	3000

ALTIRA

PARK BAHÇE AYDINLATMA ARMATÜRLERİ

PARK GARDEN LIGHTINGS LUMINAIRES

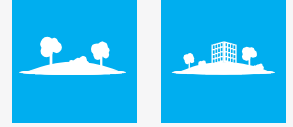
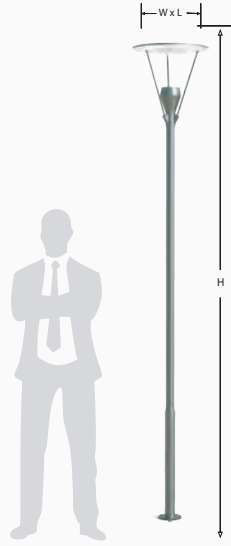


ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

- ARMATÜR Luminaire** : Korozyona dayanıklı alüminyum gövde, opal plexglas
Corrosion resistant aluminium housing with opal plexglas diffuser
- DİREK Pole** : Alüminyum kutu profil
Extrusion aluminium
- YÜZEY KAPLAMA Surface Coating** : Kimyasal işlemeli, kumlama, elektrostatik toz kaplama
Chemical surface treatment, sand blasting, electrostatic powder coating
- MONTAJ KABLOSU Installation Cable** : 3x1,5 mm
- RENK Colour** : Standart renkler veya farklı RAL kodlarında
Standart colors or optinal RAL codes

Kod Code	Güç Power (w)	Işık Kaynağı Illumination	Işık Akısı Luminous	Işık Rengi Light Colour	Boyutlar Dimensions (mm)		
					A	B	C
936.8025.035.4000	35	LED	3650	4000K / 6500K	150	150	2500
936.8025.060.4000	60	LED	6600	4000K / 6500K	150	150	2500



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

- ARMATÜR Luminaire** : Korozyona dayanıklı alüminyum gövde
Corrosion resistant aluminium housing
- DİREK Pole** : Sıcak daldırma galvanizli, armatür giriş çapı Ø 90 mm
Hot dip galvanised steel pole, Ø 90 mm mounting fixture
- YÜZEY KAPLAMA Surface Coating** : Kimyasal işlemeli, kumlama, elektrostatik toz kaplama
Chemical surface treatment, sand blasting, electrostatic powder coating
- MONTAJ KABLOSU Installation Cable** : 3x1,5 mm
- RENK Colour** : Standart renkler veya farklı RAL kodlarında
Standart colors or optional RAL codes

Kod Code	Güç Power (w)	Işık Kaynağı Illumination	Işık Rengi Light Colour	Boyutlar Dimensions (mm)		
				A	B	C
920 8500 070 0150	40-60	LED	2700K / 6500K	750	750	730

BOLARD LUMINAIRES

BOLARD ARMATÜRLER

180 WONDER

181 - LIZA

182 - RINGO

183 - ALYA

184 - RESMO

185 - PERLA

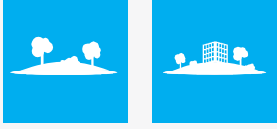


LIZA

WONDER

PARK BAHÇE AYDINLATMA
ARMATÜRLERİ

PARK GARDEN LIGHTINGS
LUMINAIRES

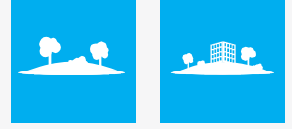
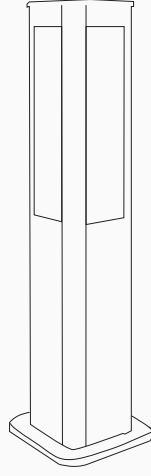


ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

ARMATÜR Luminaire	: Korozyona dayanıklı alüminyum gövde, polikarbon difüzörlü Corrosion resistant aluminium housing with polycarbonate diffuser
DİREK Pole	: Alüminyum ekstrüzyon Extrusion aluminium
YÜZEY KAPLAMA Surface Coating	: Kimyasal işlemeli, kumlama, elektrostatik toz kaplama Chemical surface treatment, sand blasting, electrostatic powder coating
MONTAJ KABLOSU Installation Cable	: 3x1,5 mm
RENK Colour	: Standart renkler veya farklı RAL kodlarında Standart colors or optinal RAL codes

Kod Code	Güç Power (w)	Işık Kaynağı Illumination	Işık Akısı Luminous	Işık Rengi Light Colour	Boyutlar Dimensions (mm)		
					A	B	C
930 8022 015 5000	15	LED	1425	5000K / 6500K	150	150	1000



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

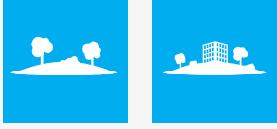
ARMATÜR Luminaire	: Korozyona dayanıklı alüminyum gövde, polikarbon difüzörlü Corrosion resistant aluminium housing with polycarbonate diffuser
DİREK Pole	: Alüminyum ekstrüzyon Extrusion aluminium
YÜZEY KAPLAMA Surface Coating	: Kimyasal işlemeli, kumlama, elektrostatik toz kaplama Chemical surface treatment, sand blasting, electrostatic powder coating
MONTAJ KABLOSU Installation Cable	: 3x1,5 mm
RENK Colour	: Standart renkler veya farklı RAL kodlarında Standart colors or optinal RAL codes

Kod Code	Güç Power (w)	Işık Kaynağı Illumination	Işık Akısı Luminous	Işık Rengi Light Colour	Boyutlar Dimensions (mm)		
					A	B	C
936 8022 030 5000	30	LED	2700	5000K / 6500K	170	170	1000

RINGO

PARK BAHÇE AYDINLATMA
ARMATÜRLERİ

PARK GARDEN LIGHTINGS
LUMINAIRES

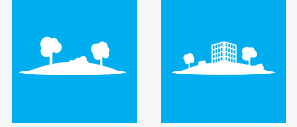


ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

ARMATÜR Luminaire	:	Korozyona dayanıklı alüminyum gövde, polikarbon difüzörlü Corrosion resistant aluminium housing with polycarbonate diffuser
DİREK Pole	:	Alüminyum Aluminium
YÜZEY KAPLAMA Surface Coating	:	Kimyasal işlemeli, kumlama,elektrostatik toz kaplama Chemical surface treatment, sand blasting, electrostatic powder coating
MONTAJ KABLOSU Installation Cable	:	3x1,5 mm
RENK Colour	:	Standart renkler veya farklı RAL kodlarında Standart colors or optinal RAL codes

Kod Code	Güç Power (w)	Işık Kaynağı Illumination	Işık Akısı Luminous	Işık Rengi Light Colour	Boyutlar Dimensions (mm)	
					ø	h
936 8022 035 5000	35	LED	3400	5000K / 6500K	200	1000



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

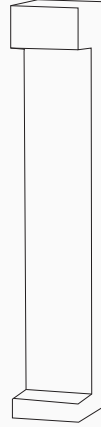
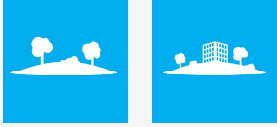
- ARMATÜR Luminaire** : Korozyona dayanıklı alüminyum gövde
Corrosion resistant aluminium housing
- DİREK Pole** : Armatür giriş çapı Ø 150 mm
Ø 150 mm mounting fixture
- YÜZEY KAPLAMA Surface Coating** : Kimyasal işlemeli, kumlama, elektrostatik toz kaplama
Chemical surface treatment, sand blasting, electrostatic powder coating
- MONTAJ KABLOSU Installation Cable** : 3x1,5 mm
- RENK Colour** : Standart renkler veya farklı RAL kodlarında
Standart colors or optimal RAL codes

Kod Code	Güç Power (w)	Işık Kaynağı Illumination	Işık Akısı Luminous	Işık Rengi Light Colour	Boyutlar Dimensions (mm)	
					ø	h
936 830 100 1110	10	LED	950	5000K / 6500K	900	700

RESMO

PARK BAHÇE AYDINLATMA ARMATÜRLERİ

PARK GARDEN LIGHTINGS LUMINAİRES

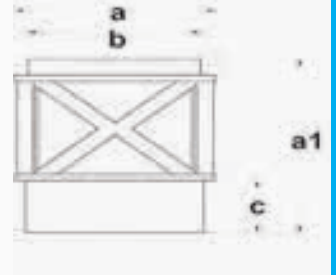


ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

ARMATÜR Luminaire	: Korozyona dayanıklı alüminyum gövde, polikarbon difüzörlü Corrosion resistant aluminium housing with polycarbonate diffuser
DİREK Pole	: Alüminyum ekstrüzyon Extrusion aluminium
YÜZEY KAPLAMA Surface Coating	: Kimyasal işlemeli, kumlama, elektrostatik toz kaplama Chemical surface treatment, sand blasting, electrostatic powder coating
MONTAJ KABLOSU Installation Cable	: 3x1,5 mm
RENK Colour	: Standart renkler veya farklı RAL kodlarında Standart colors or optinal RAL codes

Kod Code	Güç Power (w)	Işık Kaynağı Illumination	Işık Akısı Luminous	Işık Rengi Light Colour	Boyutlar Dimensions (mm)		
					A	B	C
936 8023 015 5000	15	LED	1425	5000K / 6500K	100	300	1000



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

ARMATÜR Luminaire	: Korozyona dayanıklı alüminyum gövde, polikarbon difüzörlü Corrosion resistant aluminium housing with polycarbonate diffuser
DİREK Pole	: Alüminyum ekstrüzyon Extrusion aluminium
YÜZEY KAPLAMA Surface Coating	: Kimyasal işlemeli, kumlama,elektrostatik toz kaplama Chemical surface treatment, sand blasting, electrostatic powder coating
MONTAJ KABLOSU Installation Cable	: 3x1,5 mm
RENK Colour	: Standart renkler veya farklı RAL kodlarında Standart colors or optinal RAL codes

Kod Code	Güç Power (w)	Işık Kaynağı Illumination	Işık Akısı Luminous	Işık Rengi Light Colour	Boyutlar Dimensions (mm)		
					A	B	C
936 8024 025 5000	25	LED	2400	5000K / 6500K	200	200	260
936 8024 025 1 5000	25	LED	2400	5000K / 6500K	260	260	300

OUTDOOR / RECESSED PARK & GARDEN LUMINAIRE

HARİCİ / GÖMME PARK VE BAHÇE ARMATÜRLERİ

188 - BAROS

189 - PRIZMA

190 - TWIT

191 - LINGO

192 - MALDIV

193 - PESARO

194 - TIPO

195 - MOSLINE

196 - UP SIMBA

197 - SIMBA

198 - ARGOS

199 - VIGO

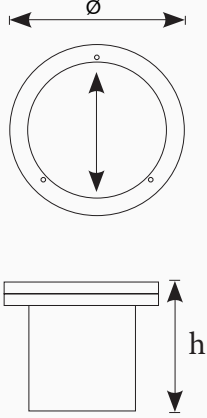
TWIT



BAROS

LED HARİCİ YER GÖMME
AYDINLATMA ARMATÜRLERİ

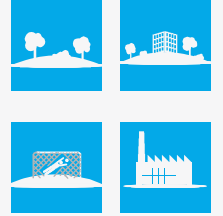
LED OUTDOOR RECESSED
LIGHTING LUMINAIRES



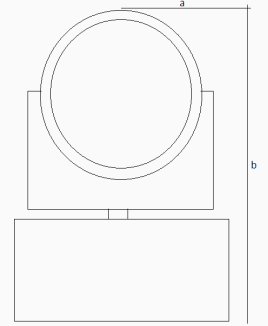
ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Body	Alüminyum Enjeksiyon / Paslanmaz Çelik Aluminium Injection/ Stainless Steel	OPTİK : Optic	10mm Temperli Cam 10mm Tempred Glasses
LENS : Lens	Akrilik (10°- 80°) Acrylic (10°- 80°)	LED : Driver	Power Led PHILIPS MEAN WELL
BOYA : Paint	Elektrostatik Toz Boya Electrostatics Powder Paint	TRIDONIC OSRAM	
PCB : PCB	Isı İletkenliği Yüksek Alüminyum PCB High Conductive Head - Resistant Aluminium PCB	PLED PEDAS	



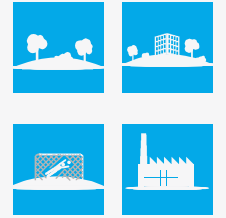
Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Kesim Ölçüsü Cut Size	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)		Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
							Ø	h				
910 2002 011 0001	1x1w	120	Beyaz(White)	120	27	0,9	65	90	0,50	0,0004	0,60	1
910 2002 031 0001	3x1w	360	Mavi(Blue)	120	54	0,9	100	95	0,80	0,0010	1,00	1
910 2002 061 0001	6x1w	720	Yeşil(Green)	120	100	0,9	160	95	1,00	0,0024	1,20	1
910 2002 091 0001	9x1w	1080	Kırmızı(Red)	120	100	0,9	160	95	1,00	0,0024	1,20	1
910 2002 121 0001	12x1w	1440	Amber	120	100	0,9	160	95	1,20	0,0024	1,40	1
910 2002 181 0001	18x1w	2160	(Amber) Gün Işığı(W.W) RGB(RGB)	120	240	0,9	300	95	2,00	0,0086	2,20	1



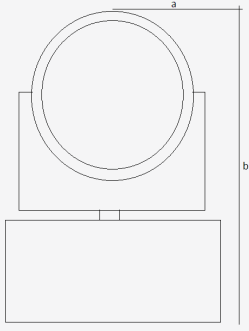
ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE :	Alüminyum Enjeksiyon Body Aluminium Injection	OPTİK :	Temperli Cam Optic Tempred Glasses
LENS :	Akrilik (10°- 80°) Lens Acrylic (10°- 80°)	LED :	Power Led
BOYA :	Elektrostatik Toz Boya Paint Electrostatics Powder Paint	Driver :	PHILIPS MEAN WELL
PCB :	Isı İletkenliği Yüksek Alüminyum PCB High Conductive Head - Resistant Aluminium PCB		TRIDONIC OSRAM
			PLED PEDAS



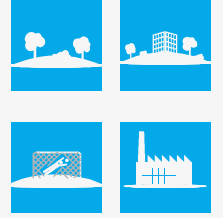
Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
980 20 10 001	1x1w	120	Beyaz(White)	120	0,9	65	90	27	0,15	0,00004	0,30	1
980 20 10 002	3x1w	360	Mavi(Blue)	120	0,9	100	95	54	0,27	0,00006	0,50	1
980 20 10 003	5x1w	600	Yeşil(Green) Kırmızı(Red) Amber(Am- ber) Gün Işığı(W.W) RGB(RGB)	120	0,9	160	95	100	0,60	0,00180	0,90	1



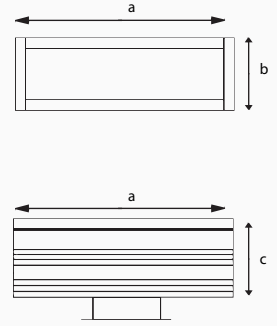
ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE :	Alüminyum Enjeksiyon Body Aluminium Injection	OPTİK :	Temperli Cam Optic Tempered Glasses
LENS :	Akrilik (10°- 80°) Lens Acrylic (10°- 80°)	LED :	Power Led
BOYA :	Elektrostatik Toz Boya Paint Electrostatics Powder Paint	Driver :	PHILIPS MEAN WELL TRIDONIC OSRAM PLED PEDAS
PCB :	Isı İletkenliği Yüksek Alüminyum PCB High Conductive Head - Resistant Aluminium PCB		



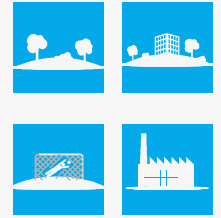
Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(Ʒ)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
980 2030 018	18x1w	2160	Beyaz(White)	120	0,9	170	280	80	1,50	0,0038	1,80	1
980 2030 036	36x1w	4320	Mavi(Blue) Yeşil(Green) Kırmızı(Red) Amber(Am- ber) Gün Işığı(W.W) RGB(RGB)	120	0,9	220	350	80	2,50	0,0062	2,90	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE :	Alüminyum Enjeksiyon Body Aluminium Injection	OPTİK :	Temperli Cam Optic Tempred Glasses
LENS :	Akrilik (10°- 80°) Lens Acrylic (10°- 80°)	LED :	Power Led
BOYA :	Elektrostatik Toz Boya Paint Electrostatics Powder Paint	Driver :	PHILIPS MEAN WELL
PCB :	Isı İletkenliği Yüksek Alüminyum PCB High Conductive Head - Resistant Aluminium PCB		TRIDONIC OSRAM
			PLED PEDAS

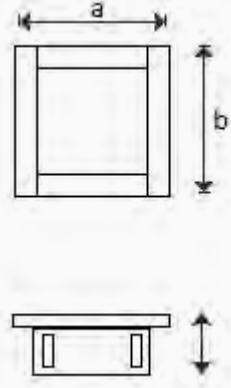


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(±)	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
						A	B	C				
980 2020 018	18x1w	2160	Beyaz(White)	120	0,9	180	280	80	1,60	0,0040	1,90	1
980 2020 036	36x1w	4320	Mavi(Blue) Yeşil(Green) Kırmızı(Red) Amber(Am- ber) Gün Işığı(W.W) RGB(RGB)	120	0,9	320	300	80	3,00	0,0077	3,30	1

MALDIV

LED GÖMME DUVAR AYDINLATMA ARMATÜRLERİ

LED RECESSED WALL LIGHTING LUMINAIRES



0030



0031



0032



0033



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

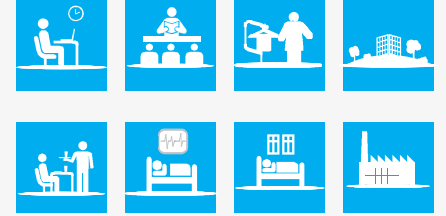
GÖVDE : Alüminyum Enjeksiyon /
Body Paslanmaz Çelik
Aluminium Injection/
Stainless steel

BOYA : Elektrostatik Toz Boya
Paint Electrostatics Powder Paint

OPTİK : Buzlu Cam
Optic Iced Glass

LED : G-9 Led Ampül
G-9 Led Bulb

DUY : G-9



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Kesim Ölçüsü Cut Size	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
					A	B	C				
910 2401 0030 3000	3	300	3000K - 6500K	100*100	120	120	80	0,40	0,0014	0,50	1
910 2401 0031 3000	3	300	3000K - 6500K	100*100	120	120	80	0,40	0,0014	0,50	1
910 2401 0032 3000	3	300	3000K - 6500K	100*100	120	120	80	0,40	0,0014	0,50	1
910 2401 0033 3000	3	300	3000K - 6500K	100*100	120	120	80	0,40	0,0014	0,50	1



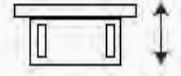
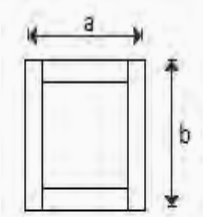
140



141



142



ARMATÜR ÖZELLİKLERİ

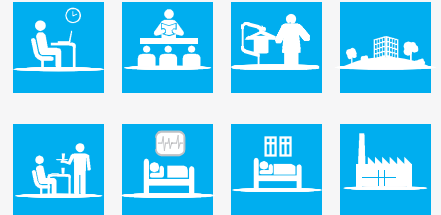
Specifications of Luminaire

GÖVDE : Alüminyum Enjeksiyon /
Body Paslanmaz Çelik
Aluminium Injection/
Stainless steel

BOYA : Elektrostatik Toz Boya
Paint Electrostatics Powder Paint

OPTİK : Temperli Cam
Optic Tempered Glass

LED : Mid Power

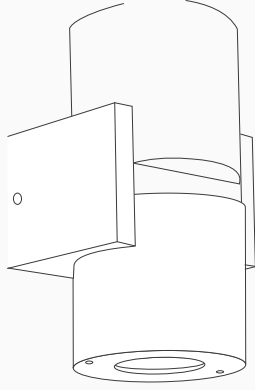


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Kesim Ölçüsü Cut Size	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
					A	B	C				
980 1510 140	1,5	150	3000K - 6500K	105*40	110	45	55	1,30	0,00043	1,50	1
980 1510 141	1,5	150	3000K - 6500K	105*40	110	45	55	1,30	0,00043	1,50	1
980 1510 142	1,5	150	3000K - 6500K	105*40	110	45	55	1,30	0,00043	1,50	1

TIPO

LED HARİCİ AYDINLATMA ARMATÜRLERİ

LED OUTDOOR LIGHTING LUMINAIRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

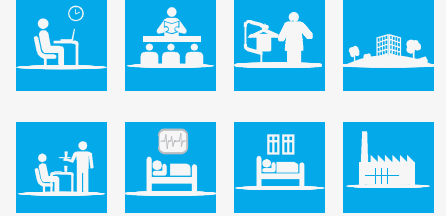
GÖVDE : Alüminyum Enjeksiyon /
Body Aluminium Injection/

BOYA : Elektrostatik Toz Boya
Paint Electrostatics Powder Paint

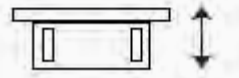
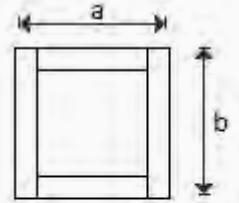
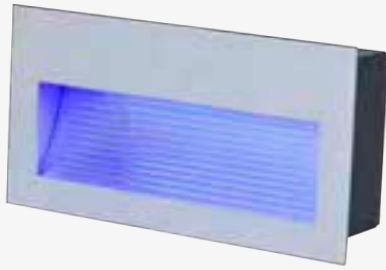
OPTİK : Temperli Cam
Optic Tempered Glass

LED : E-27 Led Ampül
E-27 Led Bulb

DUY : E-27



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Boyutlar Dimensions (mm)		Ağırlık Weight (Kg)	Hacim Volume (m ³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
				Ø	h				
980 14 10 001	1x7 W	800	3000K - 6500K	125	150	0,70	0,0034	0,80	1
980 14 10 002	2x7 W	1600	3000K - 6500K	125	270	1,00	0,0068	1,10	1



ARMATÜR ÖZELLİKLERİ

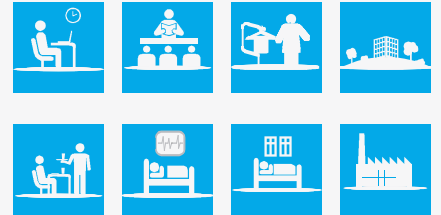
Specifications of Luminaire

GÖVDE : DKP Sac Gövde /
Body Paslanmaz Çelik
DKP Sheet Body/
Stainless steel

BOYA : Elektrostatik Toz Boya
Paint Electrostatics Powder Paint

REFLEKTÖR : Tannenbaum Reflektör
Reflector Tannenbaum Reflector

LED : Mid Power

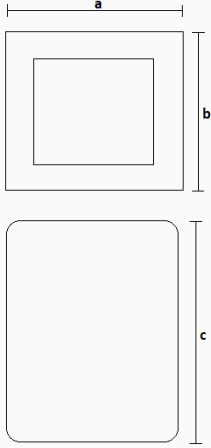


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Kesim Ölçüsü Cut Size	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
					A	B	C				
910 2201 012 0069	1,2	125	Beyaz(White)	68*68	82	82	50	0,40	0,00075	0,50	1
910 2201 012 0001	1,2	125	Mavi(Blue)	68*68	82	82	50	0,40	0,00075	0,50	1
910 2201 015 0069	1,5	150	Yeşil(Green)	68*140	82	155	50	0,50	0,00175	0,60	1
910 2201 015 0001	1,5	150	Kırmızı(Red)	68*140	82	155	50	0,50	0,00175	0,60	1
			Amber(Amber)								
			Gün Işığı(W.W)								
			RGB(RGB)								

UP SIMBA

LED HARİCİ AYDINLATMA ARMATÜRLERİ

LED OUTDOOR LIGHTING LUMINAIRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

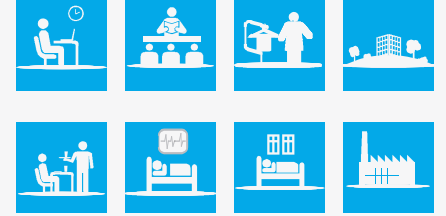
GÖVDE : Alüminyum Enjeksiyon
Body Aluminium Injection

BOYA : Elektrostatik Toz Boya
Paint Electrostatics Powder Paint

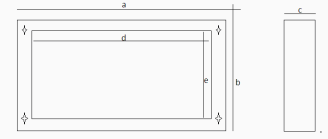
OPTİK : Temperli Cam
Optic Tempered Glass

LED : E-27 Led Ampül
E-27 Led Bulb

DUY : E-27



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
				A	B	C				
910 2301 010 3000	10	800	3000K - 6500K	210	100	190	1,00	0,0058	1,10	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

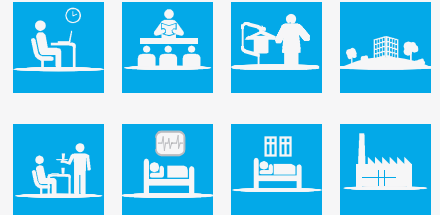
GÖVDE : Alüminyum Enjeksiyon
Body : Aluminium Injection

BOYA : Elektrostatik Toz Boya
Paint : Electrostatics Powder Paint

OPTİK : Temperli Cam
Optic : Tempered Glass

LED : E-27 Led Ampül
E-27 Led Bulb

DUY : E-27

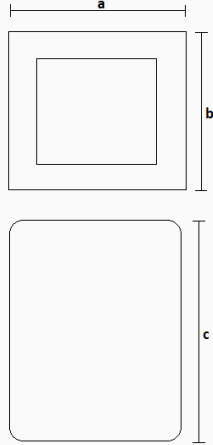


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Kesim Ölçüsü Cut Size	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
					A	B	C				
980 1510 120	10	800	3000K - 6500K	80*68	210	100	190	1,00	0,0058	1,10	1
980 1510 121	10	800	3000K - 6500K	80*68	210	100	190	1,00	0,0058	1,10	1
980 1510 122	10	800	3000K - 6500K	80*68	210	100	190	1,00	0,0058	1,10	1

ARGOS

LED HARİCİ AYDINLATMA
ARMATÜRLERİ

LED OUTDOOR
LIGHTING LUMINAİRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

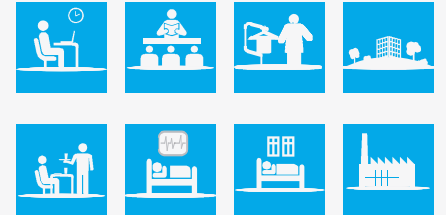
GÖVDE : Alüminyum Enjeksiyon /
Body Aluminium Injection

BOYA : Elektrostatik Toz Boya
Paint Electrostatics Powder Paint

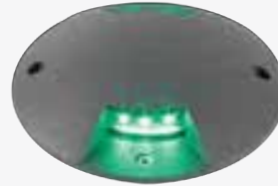
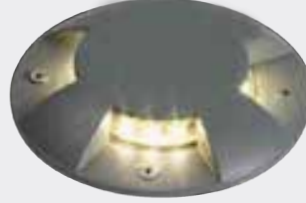
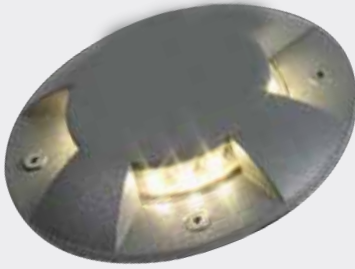
OPTİK : Opak Beyaz Cam
Optic Opac White Glass

LED : E-27 Led Ampül
E-27 Led Bulb

DUY : E-27



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
				A	B	C				
980 1510 130	10	800	3000K - 6500K	136	195	96	1,00	0,0028	1,10	1



ARMATÜR ÖZELLİKLERİ

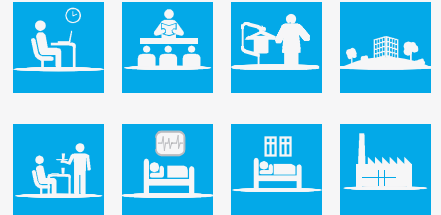
Specifications of Luminaire

GÖVDE : Alüminyum Enjeksiyon
Body : Aluminium Injection

BOYA : Elektrostatik Toz Boya
Paint : Electrostatics Powder Paint

OPTİK : Akrilik Cam
Optic : Acrylic Glass

LED : SMD Led
SMD Led



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Hacim Volume (m ³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
				A	B	C				
980 1510 100	1,5	100	3000K - 6500K	100	100	70	0,40	0,0014	0,50	1
980 1510 101	1,5	100	3000K - 6500K	100	100	70	0,40	0,0014	0,50	1
980 1510 102	1,5	100	3000K - 6500K	100	100	70	0,40	0,0014	0,50	1

GLOP LUMINAIRES

GLOP ARMATÜRLER

- 202 - TALIA
- 203 - EVORA
- 204 - TRUVA
- 205 - EBRO
- 206 - DIA
- 207 - GÖKNAR

A nighttime photograph of a garden featuring a multi-tiered waterfall on the left, illuminated with warm lights. The water flows over a bed of smooth, light-colored stones. To the right, a paved walkway leads through a garden with various plants and trees, some of which are also illuminated. In the background, a building is visible under a dark blue sky. A large, semi-transparent blue circle is overlaid on the center of the image, containing the word 'TALIA' in white capital letters. A large, glowing white circular light fixture is overlaid on the right side of the image.

TALIA

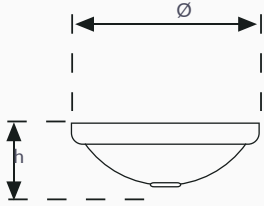
TALIA

LED İÇ MEKAN

AYDINLATMA ARMATÜRLERİ

LED INDOOR

LIGHTING LUMINAIRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac Gövde
Body DKP Sheet

OPTİK : Desenli Cam
Optic Patterned Glass

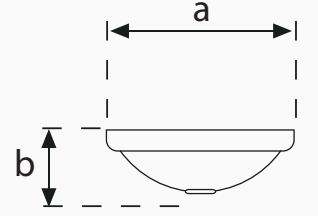
BOYA : Elektrostatik Toz Boya
Paint Electrostatics Powder Paint

LED : SMD Led Lamba
SMD Led Lamp

DUY : E-27



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)		Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack	
						Ø	h					
910 2001 017	3000	1X7	500	3000K - 6500K	72	0,9	300	100	1,30	0,0131	1,50	1
910 2001 0171	3000	1X7	500	3000K - 6500K	72	0,9	300	100	1,30	0,0131	1,50	1
910 2001 0172	3000	1X7	500	3000K - 6500K	72	0,9	300	100	1,30	0,0131	1,50	1
910 2001 027	3000	2X7	1000	3000K - 6500K	72	0,9	300	100	1,30	0,0131	1,50	1
910 2001 0271	3000	2X7	1000	3000K - 6500K	72	0,9	300	100	1,30	0,0131	1,50	1
910 2001 0272	3000	2X7	1000	3000K - 6500K	72	0,9	300	100	1,30	0,0131	1,50	1



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body : DKP Sheet

BOYA : Elektrostatik Toz Boya
Paint : Electrostatics Powder Paint

OPTİK : Desenli Cam
Optic : Patterned Glass

LED : SMD Led Lamba
SMD Led Lamp

DUY : E-27

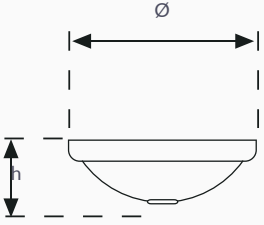


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)		Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
						Ø	h				
910 2102 017 3000	1X7	500	3000K - 6500K	72	0,9	300	100	1,30	0,0131	1,50	1
910 2102 0171 3000	1X7	500	3000K - 6500K	72	0,9	300	100	1,30	0,0131	1,50	1
910 2102 0172 3000	1X7	500	3000K - 6500K	72	0,9	300	100	1,30	0,0131	1,50	1
910 2102 027 3000	2X7	1000	3000K - 6500K	72	0,9	300	100	1,30	0,0131	1,50	1
910 2102 0271 3000	2X7	1000	3000K - 6500K	72	0,9	300	100	1,30	0,0131	1,50	1
910 2102 0272 3000	2X7	1000	3000K - 6500K	72	0,9	300	100	1,30	0,0131	1,50	1

TRUVA

LED İÇ MEKAN
AYDINLATMA ARMATÜRLERİ

LED INDOOR
LIGHTING LUMINAIRES



ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet

BOYA : Elektrostatik Toz Boya
Paint Electrostatics Powder Paint

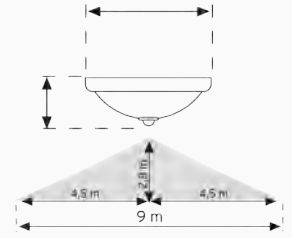
OPTİK : Desenli Cam
Optic Patterned Glass

LED : SMD Led Lamba
SMD Led Lamp

DUY : E-27



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)		Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
						Ø	h				
910 2103 017 01E27	1X7	500	3000K - 6500K	72	0,9	300	100	1,30	0,0131	1,50	1
910 2103 0171 01E27	1X7	500	3000K - 6500K	72	0,9	300	100	1,30	0,0131	1,50	1
910 2103 027 02E27	2X7	1000	3000K - 6500K	72	0,9	300	100	1,30	0,0131	1,50	1
910 2103 0271 02E27	2X7	1000	3000K - 6500K	72	0,9	300	100	1,30	0,0131	1,50	1



ARMATÜR ÖZELLİKLERİ

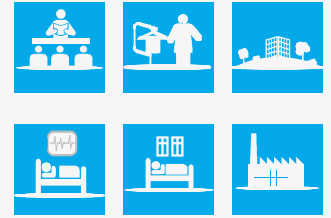
Specifications of Luminaire

GÖVDE : DKP Sac
Body DKP Sheet

OPTİK : Desenli Cam
Optic Patterned Glass

BOYA : Elektrostatik Toz Boya
Paint Electrostatics Powder Paint

LED : SMD Led
SMD Led

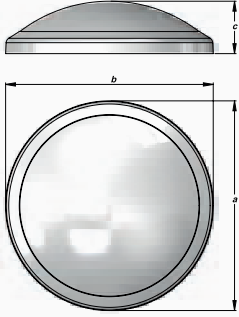


Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)		Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
						Ø	h				
910 2104 017 01E27	1X7	500	3000K - 6500K	72	0,9	300	100	1,30	0,0131	1,50	1
910 2104 007 3000K	7	800	3000K - 6500K	115	0,9	300	100	1,30	0,0131	1,50	1
910 2104 007 3000S1	7	800	3000K - 6500K	115	0,9	300	100	1,30	0,0131	1,50	1

DIA

LED İÇ MEKAN
AYDINLATMA ARMATÜRLERİ

LED INDOOR
LIGHTING LUMINAIRES



ARMATÜR ÖZELLİKLERİ

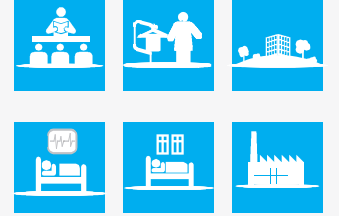
Specifications of Luminaire

GÖVDE : Polikarbon
Body Polycarbonate

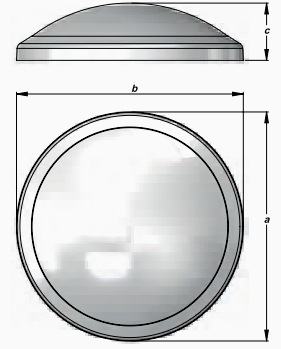
LED : SMD Led

OPTİK : Opal Difüzör
Optic Opal Diffuser

Driver :  



Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(Ʒ)	Boyutlar Dimensions (mm)		Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
						Ø	h				
937 00 142 012 1171	12	1392	2700K-6500K	116	0,9	310	100	1,10	0,104	12,00	10
937 00 142 018 1171	18	2016	2700K-6500K	112	0,9	310	100	1,10	0,104	12,00	10
937 00 142 024 1171	24	2568	2700K-6500K	107	0,9	310	100	1,10	0,104	12,00	10



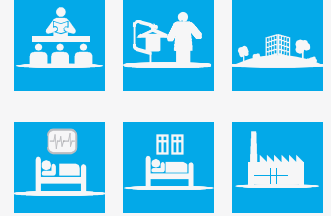
ARMATÜR ÖZELLİKLERİ

Specifications of Luminaire

GÖVDE : Polikarbon
Body Polycarbonate

OPTİK : Opal Difüzör
Optic Opal Diffuser

LED : SMD Led



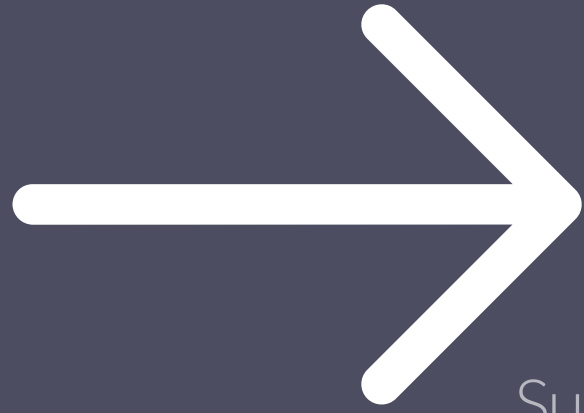
Kod Code	Güç Power (w)	Işık Akısı Luminous	Işık Rengi Light Color	Etkinlik Faktörü Efficiency (lm/w)	Güç Faktörü Power Factor(≥)	Boyutlar Dimensions (mm)		Ağırlık Weight (Kg)	Hacim Volume (m³)	Ağırlık Koli Weight (Kg)	Koli İç Adedi Pcs/Pack
						Ø	h				
937 01 142 012 1171	12	1392	2700K-6500K	116	0,9	310	100	1,10	0,104	12,00	10
937 01 142 018 1171	18	2016	2700K-6500K	112	0,9	310	100	1,10	0,104	12,00	10
937 01 142 024 1171	24	2568	2700K-6500K	107	0,9	310	100	1,10	0,104	12,00	10

LAMBS

LAMBALAR



KEŞFET

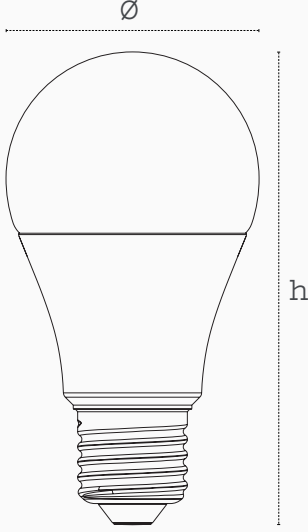


Survey



LED LAMBA

LED AMPÜLLER | LED BULBS

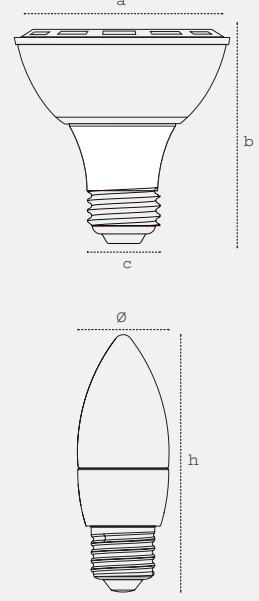


Kod Code	Güç Power (w)	Renk Sıcaklığı Lamp	Işık Akısı Luminous	Duy Base	Boyutlar Dimensions (mm)		Ağırlık Weight (Kg)	Hacim Volume (m ²)	Koli Adedi Pcs / Pack
					Ø	h			
983 0105 3000	4,5	3000	350	E27	60	112	6,70	0,055	100
983 0105 6500	4,5	6500	370	E27	60	112	6,70	0,055	100
983 0106 3000	6	3000	430	E27	60	112	6,80	0,055	100
983 0106 6500	6	6500	470	E27	60	112	6,80	0,055	100
983 0106 3000	9	3000	780	E27	60	115	6,50	0,055	100
983 0106 4000	9	4000	800	E27	60	115	6,50	0,055	100
983 0106 6500	9	6500	810	E27	60	115	6,50	0,055	100
983 0112 3000	12	3000	960	E27	60	115	8,00	0,055	100
983 0112 4000	12	4000	1000	E27	60	115	8,00	0,055	100
983 0112 6500	12	6500	1050	E27	60	115	8,00	0,055	100
983 01121 3000	12	3000	1050	E27	70	135	8,00	0,084	100
983 01121 4500	12	4000	1080	E27	70	135	8,00	0,084	100
983 01121 6500	12	6500	1100	E27	70	135	8,00	0,084	100
983 0110 3000	10	3000	800	E27	60	112	6,50	0,084	100
983 0110 6500	10	6500	850	E27	60	112	6,50	0,055	100
983 0116 3000	16	3000	1300	E27	95	161	10,00	0,099	50
983 0116 6500	16	6500	1400	E27	95	161	10,00	0,099	50

LED SPOT VE BUJİ SERİSİ

LED SPOT AND
CANDLE BULBS

LED SPOT VE BUJİ
AMPÜLLER



	Kod Code	Güç Power (w)	Renk Sıcaklığı Lamp	Işık Akısı Luminous	Duy Base	Boyutlar Dimensions (mm)		Ağırlık Weight (Kg)	Hacim Volume (m ²)	Koli Adedi Pcs / Pack
						ø	h			
983	02 0006 2700	6	450	2700	GU10	50	56	12,80	0,044	200
983	02 0006 3000	6	500	3000	GU10	50	56	12,80	0,044	200
983	02 0006 4000	6	510	4000	GU10	50	56	12,80	0,044	200
983	02 0006 6500	6	520	6500	GU10	50	56	12,80	0,044	200
983	02 0055 3000	5,5	420	3000	E14	37	100	7,90	0,038	200
983	02 0055 6500	5,5	450	6500	E14	37	100	7,90	0,038	200

LED FLORESAN

T8 LED FLORESAN
AMPÜLLER

T8 LED FLUORESCENT
LAMPS

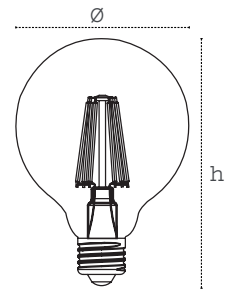
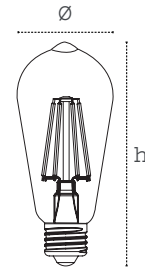


Kod Code	Güç Power (w)	Renk Sıcaklığı Lamp	Işık Akısı Luminous	Duy Base	Boyutlar Dimensions (mm)		Ağırlık Weight (Kg)	Hacim Volume (m ³)	Koli Adedi Pcs / Pack
					ø	h			
983 03 10 3000	10	800	3000	G13	30	602	8,00	0,032	20
983 03 10 4500	10	900	4000	G13	30	602	8,00	0,032	20
983 03 10 6500	10	1000	6500	G13	30	602	8,00	0,032	20
983 03 20 3000	20	1600	3000	G13	30	1212	10,00	0,060	20
983 03 20 4500	20	1800	4000	G13	30	1212	10,00	0,060	20
983 03 20 6500	20	2000	6500	G13	30	1212	10,00	0,060	20
983 03 24 3000	24	2000	3000	G13	30	1512	12,00	0,073	20
983 03 24 6500	24	2200	6500	G13	30	1512	12,00	0,073	20

LED FİLAMENT

LED FILAMENT LAMPS

LED FİLAMENT AMPÜLLER

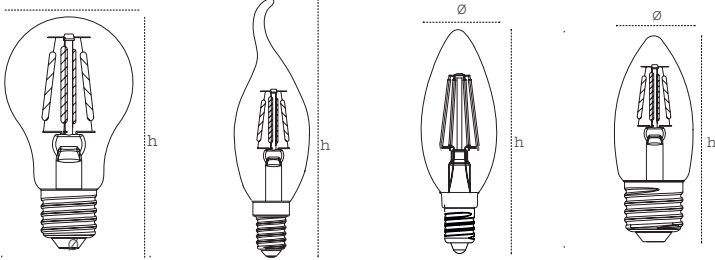


Kod Code		Güç Power (w)	Renk Sıcaklığı Lamp	Işık Akısı Luminous	Duy Base	Boyutlar Dimensions (mm)		Ağırlık Weight (Kg)	Hacim Volume (m ³)	Koli Adedi Pcs / Pack
						Ø	h			
983 04 0005	2700	5	2.700	540	E27	60	102	6,65	0,068	100
983 04 0035	2700	3,5	2.700	360	E27	56	126	3,90	0,038	50
983 04 0035 1	2700	3,5	2.700	360	E27	80	115	5,20	0,064	50
983 04 0035 2	2700	3,5	2.700	360	E27	125	178	5,50	0,085	20
983 04 0050 5	2200	5	2.200	460	E27	60	102	6,65	0,068	100
983 04 0035	2200	3,5	2.200	300	E27	95	133	3,20	0,038	20

LED LAMBA

LED FİLAMANT AMPÜLLER

LED FILAMENT LAMPS



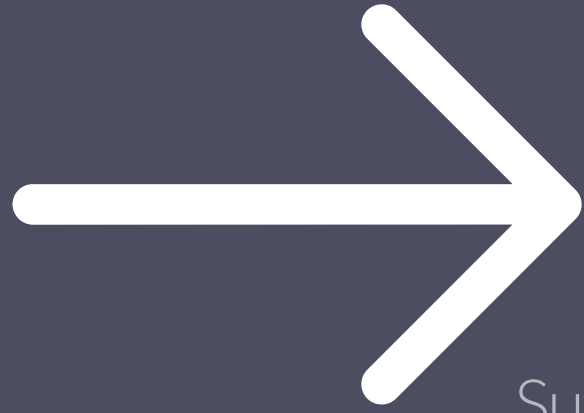
Kod Code	Güç Power (w)	Renk Sıcaklığı Lamp	Işık Akısı Luminous	Duy Base	Boyutlar Dimensions (mm)		Ağırlık Weight (Kg)	Hacim Volume (m ²)	Koli Adedi Pcs / Pack
					ø	h			
983 05 0035 2700	3,5	2.700	360	E14	35	98	6,95	0,045	200
983 05 0035 1 2700	3,5	2.700	360	E14	35	115	6,25	0,055	200
983 05 0035 2 2700	3,5	2.700	360	E14	35	108	9,50	0,045	200
983 05 0035 2200	3,5	2.200	300	E14	35	98	6,95	0,045	200



SENSORS SÖNSÖRLER



KEŞFET

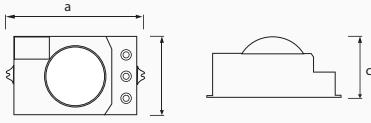


Survey



SENSÖRLER

RADAR SENSÖR | RADAR SENSOR



ARMATÜR ÖZELLİKLERİ

Specifications of Products

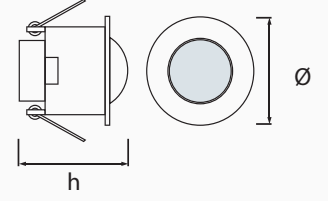
GÖVDE Body	:	Plastik Plastic
ZAMAN AYARI Time Delay	:	Min. 10 Saniye / Max. 12 Dakika Min. 10 Second / Max. 12 Minute
HAREKET ALGILAMA HIZI Detection Motion Speed	:	0,6-1,5 m/s

Kod Code	Ortalama Güç Average Load	Algılama Mesafesi Detection Distance	Montaj Yüksekliği Montage Height	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Koli Adedi Pcs / Pack
				A	B	C		
980 1001 0360 01	Max.1200 W Enkandesan / 800 W (PLE)	1-8m	2.2-4m	93	46	44	6,50	100

SENSÖRLER

360° RECESSED MOUNTED
MOTION SENSOR

360° SIVA ALTI
HAREKET SENSÖRÜ



ARMATÜR ÖZELLİKLERİ

Specifications of Products

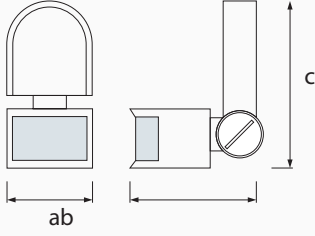
GÖVDE Body	: Plastik Plastic
ZAMAN AYARI Time Delay	: Min. 5 Saniye / Max. 7 Dakika Min. 5 Second / Max. 7 Minute
HAREKET ALGILAMA HIZI Detection Motion Speed	: 0,6-1,5 m/s

Kod Code	Ortalama Güç Average Load	Algılama Mesafesi Detection Distance	Montaj Yüksekliği Montage Height	Boyutlar Dimensions (mm)		Ağırlık Weight (Kg)	Koli Adedi Pcs / Pack
				Ø	h		
980 1001 0360 SA	Max.1000 W (220V AC)	0,6 - 1,5m/s	2.2 - 4m	76	75	4,50	50

SENSÖRLER

180° SIVA ÜSTÜ
HAREKET SENSÖRÜ

180° SURFACE MOUNTED
MOTION SENSOR



ARMATÜR ÖZELLİKLERİ

Specifications of Products

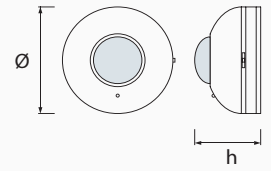
GÖVDE Body	:	Plastik Plastic
ZAMAN AYARI Time Delay	:	Min. 5 Saniye / Max. 10 Dakika Min. 10 Second / Max. 10 Minute
HAREKET ALGILAMA HIZI Detection Motion Speed	:	0,6-1,5 m/s

Kod Code	Ortalama Güç Average Load	Algılama Mesafesi Detection Distance	Montaj Yüksekliği Montage Height	Boyutlar Dimensions (mm)			Ağırlık Weight (Kg)	Koli Adedi Pcs / Pack
				A	B	C		
980 1001 0180	Max.1000 W (220V AC)	8 m	2.2-4m	60	115	140	4,00	50

SENSÖRLER

360° SURFACE MOUNTED
MOTION SENSOR

360° SIVA ÜSTÜ
HAREKET SENSÖRÜ



ARMATÜR ÖZELLİKLERİ

Specifications of Products

GÖVDE Body	: Plastik Plastic
ZAMAN AYARI Time Delay	: Min. 5 Saniye / Max. 10. Dakika Min. 5 Second / Max. 10 Minute
HAREKET ALGILAMA HIZI Detection Motion Speed	: 0,6-1,5 m/s

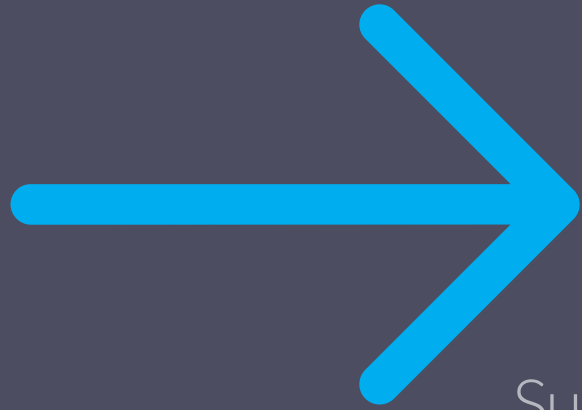
Kod Code	Ortalama Güç Average Load	Algılama Mesafesi Detection Distance	Montaj Yüksekliği Montage Height	Boyutlar Dimensions (mm)		Ağırlık Weight (Kg)	Koli Adedi Pcs / Pack
				Ø	h		
980 1001 0360	Max.1000 W (220V AC)	0,6 - 1,5m/s	2.2 - 4m	115	55	6,50	50

SOME PROJECTS

PROJELERİMİZDEN
BAZILARI



KEŞFET



Survey



KARTAL BÖLGE ADLİYE MAHKEMESİ

İstanbul/Turkey



ERZURUM DEVLET HASTANESİ - 1200 YATAKLI

Erzurum/Turkey



HAVA HARP OKULU

İstanbul/Turkey



TAKSİM İLKYARDIM HASTANESİ

İstanbul/Turkey



GÜRBULAK SINIR KAPI BİNASI

Ağrı/Turkey

2014



SİVAS DEVLET HASTANESİ - 600 YATAKLI

Sivas/Turkey

2016



KASTAMONU SPOR KOMPLEKSİ

Kastamonu/Turkey



SAMSUN TOKİ 953 KONUT PROJESİ

Samsun/Turkey



LEVENT ÖZDİLEK AVM

İstanbul/Turkey

2014



KARABÜK DEMİR ÇELİK FABRİKASI

Karabük/Turkey

2015



AKSARAY DEVLET HASTANESİ

Aksaray/Turkey



2017

ACIBADEM AKASYA AVM

İstanbul/Turkey



2015

UNILEVER FABRİKASI

Tekirdağ/Turkey

2013



NECMETTİN ŞEYHOĞLU STADI

Karabük/Turkey

2015



BİM DEPOLARI (TÜM TÜRKİYE)

Türkiye / All Turkey



2015

ÇANAKKALE DARDANEL FABRİKASI

Çanakkale/Turkey



2017

ACAR KENT SİTESİ

İstanbul/Turkey

2010

BAYBURT ÜNİVERSİTESİ

Kastamonu/Turkey

2017

SİNPAŞ BOSPHORUS

İstanbul/Turkey

2014

KIRIKKALE HÜKÜMET KONAĞI

Kırıkkale/Turkey

2012

REFERANSLARIMIZ





LED AYDINLATMA

TECHNICAL INFORMATION LED AYDINLATMA

12 LED AYDINLATMA *LED LIGHTINGS*

211 TEMEL AYDINLATMA TEKNİKLERİ *BASIC LIGHTING TECHNICS*

211 SEMBOLLER *SYMBOLS*

211 ACİL DURUM YÖNLENDİRMELERİ *EMERGENCY DIRECTIONS*

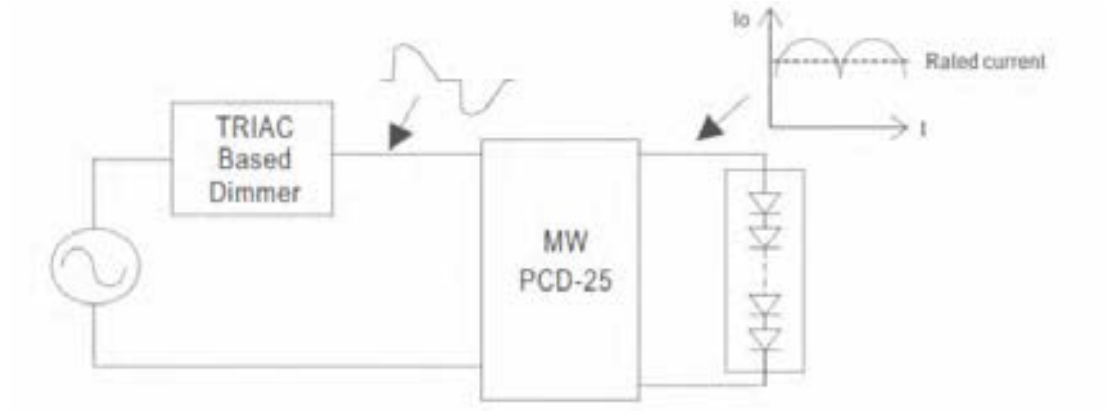
LED AYDINLATMA

LED AYDINLATMA

AC DİZİN İŞLEMİ / AC DIMMING OPERATION

Aşağıdaki şema, PCD-25'i kullanan tipik bir kurulumu tasvir etmektedir:

The following diagram depicts a typical installation utilizing the PCD-25:

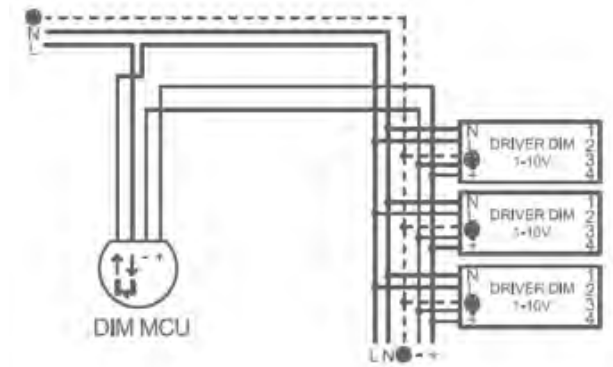


- Faz karartma sistemleri, besleme gerilimini değiştirerek ışıkları karartır.
- Bu tip kontrol, ek bir kumanda kablosu gerektirmeden gerçekleştirilir. Şebekeden gelen enerji (FAZ) kablosu ve ekipman arasına seri olarak bağlanır.
- Işık seviyesi %1'den %100'e kadar ayarlanabilir.
- Ev uygulamaları için uygundur.

- Phase dimming systems dims the lights by way of altering the supply voltage.
- This type of control is performed without the need for an additional control cable. It is attached serially between the energy (PHASE) cable and the equipment.
- The light level may be adjusted from 1% to 100%.
- It is suitable for home applications.

1V-10V DIMMING

- Kontrol 1V – 10V arasında DC voltaj sinyali üzerinden yapılır.
- Kontrol girişine 1V DC gerilim uygulandığında lamba minimum değerde, 10V DC gerilim uygulandığında da lamba maksimum değerde ışık vermektedir.
- Kontrol hattı için polarite önemlidir, normal tesisat kabloları kullanılabilir özel kablo kullanılması gerekli değildir.



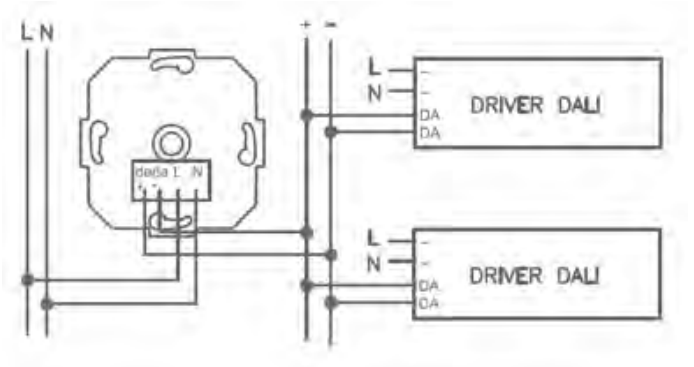
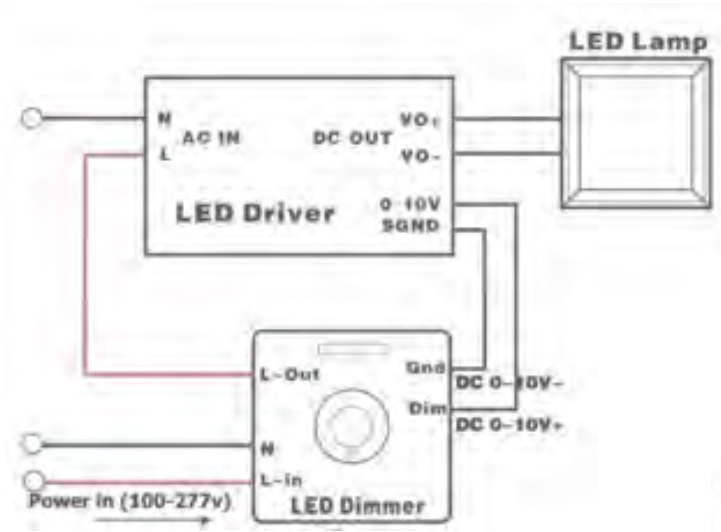
- The control is performed over the DC voltage signal between 1V-10V.
- While the lamp glows at minimum value when the control inlet is applied with 1V DC voltage, it glows at maximum value when the control inlet is applied with 10V DC voltage.
- While the polarity matters for the control line, normal installation cables may be used without the need for special cables.

LED LIGHTING

0 - 10V DIMMING / 0 - 10V DİZİNİ

- Kontrol 0V – 10V arasında DC voltaj sinyali üzerinden yapılır.
- Kontrol girişine 0V DC gerilim uygulandığında lamba kapalı, 10V DC gerilim uygulandığında da lamba maksimum değerde ışık vermektedir.
- Kontrol hattı için polarite önemlidir, normal tesisat kabloları kullanılabilir özel kablo kullanılması gerekli değildir.

- The control is performed over the DC voltage signal between 1V-10V.
- While the lamp glows at minimum value when the control inlet is applied with 1V DC voltage, it glows at maximum value when the control inlet is applied with 10V DC voltage.
- While the polarity matters for the control line, normal installation cables may be used without the need for special cables.



DALI

- Açma kapatma ve DIM basit devrelerle yapılır.
- DIM değeri sayısal olarak istenilen seviyeye getirilebilir.
- Lambaları bireysel olarak veya gruplar halinde kontrol etmek mümkündür, kablolamadan bağımsız gruplar değiştirilebilir.
- Işık senaryoları atanabilir, istenildiği zaman çağrılabilir.
- DALI bireyler ve lamba durumları izlenir, bilgi kontrol ünitesine gönderilir (off, on, dim %x, lamba arızalı vb).
- DALI, alçak bileşen maliyetleri ve yüksek fonksiyonlar ile akıllı oda bazlı aydınlatma yönetimi sunar.
- Akıllı armatürlerin kontrolünde en iyi metottür.

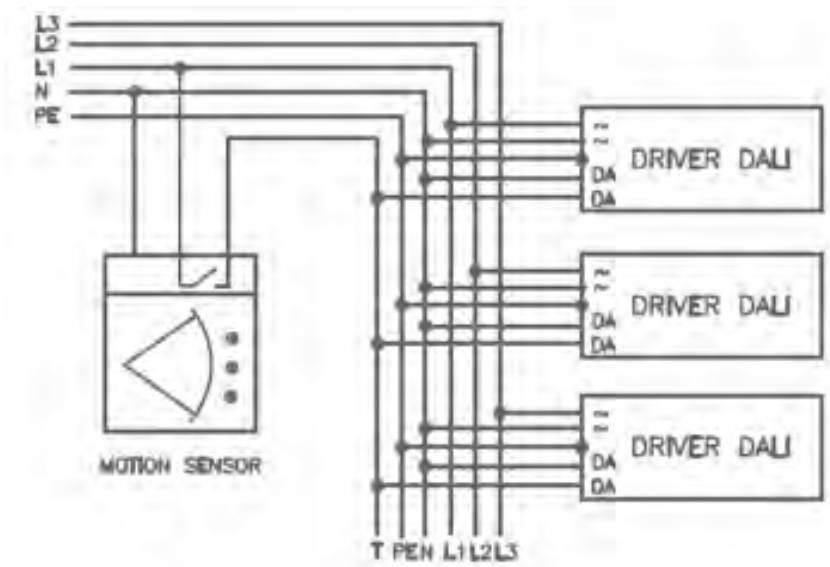
- Turning on/off and DIM is performed by means of simple circuits.
- DIM value may be adjusted to the desired level numerically.
- While it is possible to control the lamps either individually, or in groups, independent groups may be altered without cabling.
- Light scenarios may be appointed, which may be recalled when desired.
- While the individuals and lamp statuses are monitored via DALI, information attained (off, on, dim %x, lamp broken down, etc.) is delivered to the control unit.
- DALI offers smart room based lighting management, thanks to its lower component costs and higher functions.
- This is the best method for the control of smart luminaries.

LED AYDINLATMA

DALI – CORRIDOR

- corridor FUNCTION, gün ışığı girmeyen mekanlar için ideal çözümdür.
- Düşük seviyede de olsa ışık insanlara güven duygusu verip yollarını bulmalarını kolaylaştırır, çünkü corridorFUNCTION ışıkları kapatmak yerine loş hale getirir.
- Bütün ışık geçişleri, gözü rahatsız etmeyecek şekilde yapılır.
- corridorFUNCTION'in en önemli özellikleri; enerji tasarrufu sağlaması, lamba ömrünü uzatması, konforlu olması ve hepsinden önce güvenliği düşünmesidir.
- Kullanımı kolaylaştırmak için, belirlenen yerde bir kişi olduğu zaman (sensör algılama yaptığı) %100 aydınlatma (A noktası), kimse olmadığı zaman ise %10 aydınlatma (B noktası) olacak şekilde ayarlanmıştır.
- Eğer istenir ise tasarrufu daha fazla artırmak için aydınlatma tamamiyle kapatılabilir (C noktası). Bütün bu ayarlar, istek ve ihtiyaçlara göre kolayca değiştirilebilir. corridorFUNCTION'ı özel uygulamalara göre programlanabilir.
- Kablolama için yapılması gereken tek şey, dim edilebilir PCA balastı, istenilen sayıdaki hareket/varlık sensörüne bağlamaktır. Bundan sonrası son derece kolaydır; "Koridor" uygulamalarında PCA balast, corridorFUNCTION'in özelliklerine ihtiyaç duyulduğunu algılayıp (5 dakika boyunca D1'e faz, D2'ye nötr uygulanması sonucu) otomatik olarak corridorFUNCTION özelliğine geçiş yapar.

- corridorFUNCTION is the ideal solution for locations not receiving sunlight.
- Despite glowing at a lower level, it brings in a feeling of confidence, and helps one finding his/her way, because corridorFUNCTION does not turn off the lights, but make them dim.
- All light transmissions are performed without discomforting one's eyes.
- The most important features of corridorFUNCTION are providing energy saving, extending the economic life of the lamp, being comfortable, and above all focusing on safety.
- For ease of use, it has been designed to deliver 100% lighting when there is someone (sensed by the sensor) at the designated spot (A), and 10% lighting when there is noone at the designated spot (B).
- If desired, the lighting may be turned off (Spot C) for the sake of higher energy saving. All these settings may be altered if and when desired, while corridorFUNCTION' may further be programmed special applications.
- The only thing to do for cabling is to attach dimmable PCA ballast to the desired number of motion/presence sensors. It is quite easy thereafter; "In the corridor applications, upon noticing the need for corridorFUNCTION's features (upon phase application to D1, and neutral application to D2 for 5 minutes), PCA ballast automatically switches to the respective corridorFUNCTION feature.



MİNİMUM AYDINLIK DÜZEYLERİ

Minimum Illuminance Levels

OFİS, İŞYERLERİ ve ALIŞVERİŞ MERKEZLERİ <i>OFFICES, WORKPLACES, and SHOPPING MALLS</i>	LUX
Genel Ofis Alanları / Large Office Areas	500
Çizim Ofisleri / Drawing Offices	1000
Bekleme Salonları / Waiting Halls	200
Bilgi İşlem Merkezleri / IT Centers	300
Mağazlar (Genel) / Stores (General)	300
Süpermarketler / Supermarkets	750
Mağaza ve Showroomlar / Stores and Showrooms	500
Yazıcı Odaları / Printing Rooms	300
Bilgisayar ve Veri Hazırlık / Computer and Data Preparation	500

KÜLTÜR, SANAT, EĞİTİM <i>CULTURE, ART, EDUCATION</i>	LUX
Konser Salonu, Sinema, Tiyatro Salonu / Concert Hall, Cinema, Theatre Hall	100
Konser Salonu, Sinema, Tiyatro Salonu / Concert Hall, Cinema, Theatre Hall	200
Işığa Duyarlı Nesnelerin Teşhiri / Exhibition of Light-Sensitive Objects	150
Işığa Duyarsız Nesnelerin Teşhiri / Exhibition of not Light-Sensitive Objects	300
Sınıflar / Classrooms	500
Konferans Salonları / Conference Halls	300
Laboratuarlar, Kütüphaneler / Laboratories, Libraries	500

LED AYDINLATMA

MINİMUM AYDINLIK DÜZEYLERİ

Minimum Illuminance Levels

TUVALET, TEMİZLİK, İLKYARDIM BÖLÜMLERİ <i>TOILET, SANITATION, FIRST-AID DIVISIONS</i>	LUX
Kantinler / Canteens	200
Sigara ve Dinleme Odaları / Smoking and Resting Rooms	100
Rekreasyon Odaları / Recreation Rooms	300
Duşlar, Tuvaletler, Soyunma Odaları / Showers, Toilets, Locker Rooms	100
Revir ve İlk Yardım Odaları / Infirmarys, First-Aid Rooms	500

BİNA İÇİ HİZMET ODALARI <i>IN-BUILDING SERVICE ROOMS</i>	LUX
Kantinler / Canteens	200
Sigara ve Dinleme Odaları / Smoking and Resting Rooms	100
Rekreasyon Odaları / Recreation Rooms	300
Duşlar, Tuvaletler, Soyunma Odaları / Showers, Toilets, Locker Rooms	100
Revir ve İlk Yardım Odaları / Infirmarys, First-Aid Rooms	500

OTOMASYONLU VE YÜKSEK İSTİFLİ AMBARLAR <i>AUTOMATED AND HIGH-BATCHED WAREHOUSES</i>	LUX
Koridorlar / Corridors	20
Operatör Yerleri / Operator Sites	200
Dağıtım Yerleri / Distribution Sites	200

MİNİMUM AYDINLIK DÜZEYLERİ

Minimum Illuminance Levels

KONUTLAR, OTELLER, RESTAURANTLAR <i>DWELLINGS, HOTELS, RESTAURANTS</i>	LUX
Yatak Odaları / Bedrooms	50
Yatak Başı / Bedhead	200
Banyolar (Genel) / Bathrooms (General)	100
Banyolar (Ayna Yönü) / Bathrooms (Mirror Side)	500
Mutfaklar (Genel) / Kitchens (General)	300
Mutfaklar (Tazgah Üstü) / Kitchens (Countertop)	500
Oturma Odaları (Genel) / Living Rooms (General)	100
Oturma Odaları (Lokal) / Living Rooms (Local)	500
Merdivenler / Stairs	100
Kantinler / Canteens	200
Depo / Warehouse	50
Soyunma Odaları, Tuvaletler / Locker Rooms, Toilets	100
Jimnastik Odaları, Gardrop, Çamaşırhane / Gym, Wardrobe, Laundrette	100

HASTANELER <i>HOSPITALS</i>	LUX
Gündüz / Daytime	200
Muayene Odaları / Examination Rooms	500
Personel Odaları / Personnel Rooms	100
Laboratuarlar / Laboratories	500

LED AYDINLATMA

MINİMUM AYDINLIK DÜZEYLERİ

Minimum Illuminance Levels

HİZMET ENDÜSTRİLERİ <i>SERVICE INDUSTRIES</i>	LUX
Oteller ve Yiyecekler İşleri / Hotels and Catering Businesses	200
Resepsiyonlar / Receptions	500
Restoranlar / Restaurants	200
Büfeler / Buffets	300
Konfrans Odaları / Conference Halls	300
Self Servis Tesisleri / Self-Service Facilities	300

İÇ GEZİNME ALANLARI <i>INTERIOR WALKING AREAS</i>	LUX
Personel İçin / For Personnel	50
Personel ve Araçlar İçin / For Personnel and Vehicles	100
Merdiven, Rampalar, Hareketli Merdivenler / Ladders, Ramps, Escalators	100
Yükleme Rampaları, Otomatik Konveyörler / Loading Ramps, Automatic Conveyors	100
Trafik Alanındaki Konveyörler / Conveyors at the Traffic Site	100

MİNİMUM AYDINLIK DÜZEYLERİ

Minimum Illuminance Levels

ÇEŞİTLİ İŞ GRUPLARI <i>VARIOUS WORK GROUPS</i>	LUX
Radyo-Televizyon Tamirhaneleri / Radio-TV Repair-Shops	500
Kuaförler / Coiffeurs	500
Kozmetikçiler / Cosmeticians	750
Çilingirlik ve Tesisatçılık / Locksmith and Plumbing	300
Marangoz Atölyeleri / Carpenter Workshops	300
Makina Tamirhaneleri / Machine Repair-Shops	500

TEKSTİL ENDÜSTRİSİ <i>TEXTILE INDUSTRY</i>	LUX
İş İstasyonları, Banyolar ve Balya Açılan Yerler / Work Stations, Bathrooms, and Bale-opening Areas	200
Yıkama, Ütüleme, Dikme, Çizim, Ölçülendirme, Boyama / Washing, Ironing, Sewing, Drawing, Dimensioning, Dyeing	300
Çözgü Çekme, Giydirme, Eğirme, Sarma, Örne / Warping, Dressing, Spinning, Wrapping, Sewing	500
İnce Tarama, Tamir, Dikim, Emprime Baskı, Şapka İmalı / Fine-Carding, Mending, Sewing, Printing, Hat-Making	750
Kalıntı Temizliği, Kalite Kontrolü, Renk Kontrolü / Residual Cleaning, Quality Control, Color Control	1000
Görünmeyecek fiyilde Tamir / Invisible Mending	1500

LED AYDINLATMA

YOL AYDINLATMASI İLE İLGİLİ TABLOLAR

Tables related with Road Lighting

Tablo 1 : Farklı yol tipleri için aydınlatma sınıfları
(Uluslararası Aydınlatma Komisyonu'nun 115 nolu en yeni Teknik raporuna göre yollar sınıflandırması.)

YOLUN TANIMI	AYDINLATMA SINIFI
Bölünmüş yollar, ekspres yollar, otoyollar, (otoyola giriş ve çıkışlar, bağlantı yolları, kavşaklar, ücret toplama alanları) Trafik yoğunluğu ve yolun karmaşıklık düzeyi (Not :1) ; Yüksek..... Orta..... Düşük.....	M1 M2 ROAD DEFINITION M3
Devlet yolu ve il yolları (tek yönlü veya iki yönlü; kavşaklar ve bağlantı noktaları ile şehir geçişleri ve çevre yolları dahil) Trafik kontrolü (Not : 2) ve yol kullanıcılarının (Not : 3) tiplerine göre ayrımı (Not : 4) ; Zayıf..... İyi.....	M1 M2
Şehir içi ana güzergahlar (bulvarlar ve caddeler), ring yolları, dağıtıcı yollar Trafik kontrolü (Not : 2) ve yol kullanıcılarının (Not : 3) tiplerine göre ayrımı (Not : 4) ; Zayıf..... İyi.....	M1 M2
Şehir içi yollar (yerleşim alanlarına giriş çıkışın yapıldığı ana yollar ve bağlantı yolları) Trafik kontrolü (Not : 2) ve yol kullanıcılarının (Not : 3) tiplerine göre ayrımı (Not : 4) ; Zayıf..... İyi.....	M4 M2
Not : 1-) Karmaşıklık yolun geometrik yapısını, trafik hareketlerini ve görsel çevreyi içerir. Göz önünde bulundurulması gereken faktörler ; şerit sayısı, yolun eğimi, trafik ışık ve işaretleri.	Not : 2-) Trafik kontrolü; yatay ve düşey işaretlemeler ve sinyalizasyon ile trafik mevzuatının varlığı anlamında kullanılmıştır. Bunların olmadığı yerlerde trafik kontrolü zayıf olarak adlandırılır.
Not : 3-) Kullanıcılar ; motorlu araçlar (kamyon, otobüs, otomobil vb.), bisiklet, yavaş araçlar ve yayalar.	Not : 4-) Ayrım, tahsisli yol (her bir trafik cinsinin kullanacağı şeridin kesin olarak ayrıldığı yerler, otobüs yolu, bisiklet yolu vb.)

LED LIGHTING

YOL AYDINLATMASI İLE İLGİLİ TABLOLAR

Tables related with Road Lighting

Table 1: Lighting classes for different road types
(Road classification according to the latest Technical Report No.115 of International Lighting Commission).

ROAD DEFINITION	LIGHTING CLASS
Divided roads, express roads, highways (entries and departures to and from the highways, link roads, intersections, toll collection sites) Traffic density and road complexity level (Note 1): High:..... Medium: Low:.....	M1 M2 M3
Separation (Note 4) of State and city roads (one/two-way; intersections and junctions, city crossings and belt highways included) Traffic control (Note 2) and road users (Note 3) according to their types (Note 4) Weak: Good :	M1 M2
Inner city main routes (boulevards and avenues), ring roads, server roads Separation (Note 4) of Traffic control (Note 2) and road users (Note 3) according to their types (Note 4) Weak: Good :	M1 M2
Inner city roads (main roads and link roads through which the urban areas are entered/departed) Separation (Note 4) of Traffic control (Note 2) and road users (Note 3) according to their types (Note 4) Weak: Good :	M4 M2
Note 1-): Complexity consists of the geometric structure, traffic movements, and visual surrounding of the road. Number of lanes, incline of the road, traffic lights and signs are the factors to be taken into consideration.	Note 2-): Traffic control is meant to comprise the vertical and horizontal signings and signallization, as well as the presence of the traffic regulations. Traffic control is referred as weak for places where the foregoing are lacking.
Note 3-): Users consist of the motor vehicles (trucks, buses, automobiles, etc.), bicycles, slow vehicles, and pedestrians.	Note 4-): Division, reserved road (where the lanes to be used by each traffic type is strictly divided, such as bus road, bicycle road, etc.)

LED AYDINLATMA

YOL AYDINLATMASI İLE İLGİLİ TABLOLAR

Tables related with Road Lighting

Tablo 2 : Değişik aydınlatma sınıflarına uygulanacak yol aydınlatması kriterleri
Table 2: Road lighting criteria to be applied to different lighting classes

AYDINLATMA SINIFI LIGHTING CLASS	ORTALAMA PARILTI (CD/M) AVERAGE LUMINANCE (CD/M)	U ₀ U ₀	U ₁ U ₁	T ₁ (%) T ₁ (%)
M1	2,0	0,4	0,7	10
M2	1,5	0,4	0,7	10
M3	1,0	0,4	0,5	10
M4	0,75	0,4	-	15
M5	0,5	0,4	-	15

Burada ; U : Ortalama Düzgünlük : Yolun sağ kenarından yol genişliğinin ¼ mesafesinde bulunan bir gözlemciye göre kısmi alanların minimum parıltısının yolun ortalama parıltısına oranıdır. (U₀ = L_{min} / L_{ort})

The ratio of the minimum luminance of the partial sites (according to an observer at ¼ distance of the road width from the right side of the road) to the average luminance of the road is referred by U (Average Uniformity) herein. (U₀ = L_{min} / L_{ort})

YOLUN TANIMI ROAD DEFINITION	Ortalama Aydınlik Düzeyi (LUX) Average Luminance Level (LUX)
Sosyo-ekonomik ve kültürel önemi yüksek olan kalabalık yaya yolları Crowded pedestrian roads with higher socio-economical and cultural significance	20,0
Kalabalık yaya veya bisiklet yolları / Crowded pedestrian or bicycle roads	10,0
Orta kalabalık yaya veya bisiklet yolları / Medium crowded pedestrian or bicycle roads	7,5
Tenha yaya veya bisiklet yolları / Desolate pedestrian or bicycle roads	5,0
Doğal çevrenin, tarihi ve kültürel yapının korunması gereken alanlardaki تنها yaya, bisiklet yolları Desolate pedestrian or bicycle roads at sites where natural environment, historical and cultural fabric should be protected	3,0
Doğal çevrenin, tarihi ve kültürel yapının korunması gereken alanlardaki تنها yaya, bisiklet yolları Very desolate pedestrian or bicycle roads at sites where natural environment, historical and cultural fabric should be protected	1,5

LED LIGHTING

YOL AYDINLATMASI İLE İLGİLİ TABLOLAR

Tables related with Road Lighting

Tablo 4 : Yol aydınlatmasında kullanılan lambaların karakteristik özellikleri
Table 4: Characteristic features of the lamps being used in road lighting

LAMBA TİPİ LAMP TYPE	GÜCÜ (W) POWER (W)	BALAST KAYBI (W) BALLAST LOSS (W)	IŞIK AKISI (LM) LIGHT FLUX (LM)	ETKİNLİK FAKTÖRÜ (LM/W) EFFICIENCY FACTOR (LM/W)	EKONOMİK ÖMÜR (SAAT) ECONOMIC LIFE (HOUR)	
Yüksek basınçlı cıva buharlı High pressure mercury steamed	50 - 400	9 - 25	50 - 400	50 - 400	50 - 400	
Yüksek Basınçlı Sodyum Buharlı High Pressure Sodium Steamed	Ateşleyicisiz w/o Igniter	110 - 350	15 - 35	8.000-34.000	64-88	7.000
	Elips (Fl.kaplı) Elliptical (F1-Coated)	150 - 400	20 - 40	14.000-47.000	82-107	18.000
	Şeffaf tüp Transparent Tube	100 - 400	15 - 50	10.000-55.500	87-123	20.000
Alçak basınçlı sodyum buharlı Metal halojen lamba / Low pressure sodium steamed Metal halogen lamp	26 - 131 70 - 400	32 - 43 19 - 60	3.500-25.000 5.500-45.000	57-145 62-98	13.500 6.000-9.000	

Tablo 5 : Comparison of different lamp types
Table 5 : Farklı lamba tiplerinin karşılaştırılması

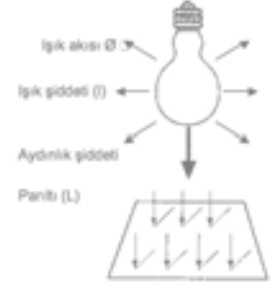
LAMBA TİPİ LAMP TYPE	Y.B. CİVA BUHARLI H. P. MERCURY STEAMED	Y.B. SODYUM ATEŞLEYİCİSİZ H.P. W/O SODIUM IGNITER	METAL HALOJEN METAL HALOGEN	Y.B. SODYUM (ŞU. KAPLI) H. P. SODIUM (SU. COATED)	Y.B. SODYUM (ŞEFFAF TÜP) H. P. SODIUM (TRANSPARENT TUBE)	A.B. SODYUM BUHARLI L. P. SODIUM STEAMED
Lamba Gücü (W) Lamp Power (W)	250	210	150	150	100	131
Açıklık (m) Gap (m)	30	40	25	30	30	45
Yükseklik (m) Height (m)	10	10	10	10	10	14
Lort (cd/m) Lort (cd/m)	1,10	1,07	1,13	1,10	1,08	1,0
Tüketim (kwh/km) Consumption (kwh/km)	9,04	6,03	6,97	5,78	3,9	3,96

(Lamba değerleri OSRAM kataloğundan alınmıştır.)
(Lamp values are taken from OSRAM catalogue)

LED AYDINLATMA

ÇALIŞIRKEN VE DİNLENİRKEN AYDINLATMA ŞARTLARI

Lighting Conditions During Work And Rest



İNSAN DURUMU HUMAN CONDITION	ÇALIŞIRKEN DURING WORK	DİNLENİRKEN DURING REST
YER DURUMU LOCATION STATUS	İŞYERİ WORKPLACE	KONUT DWELLING
AYDINLIK ŞİDDETİ LUMINANCE INTENSITY	1000 LUX	100 LUX
GÖLGELER SHADOWS	AÇIK OPEN	KOYU DARK
DÜZGÜNLÜK FAKTÖRÜ UNIFORMITY FACTOR	1/2	1/10
İŞIK RENGİ COLOR OF LIGHT	BEYAZ WHITE	SICAK BEYAZ WARM WHITE

ODA AYDINLATMA VERİMİ

Room Lighting Efficiency

TAVAN CEILING	0,80				0,50				0,30	
DUVAR WALL	0,50		0,30		0,50		0,30		0,10	0,30
ZEMİN GROUND	0,30	0,10	0,30	0,10	0,30	0,10	0,30	0,10	0,30	0,10
Oda İndeksi Room Index $\frac{axb}{hx(a+b)}$	ODA VERİMİ ROOM EFFICIENCY									
0,60	0,24	0,23	0,18	0,18	0,20	0,19	0,15	0,15	0,12	0,15
0,80	0,31	0,29	0,24	0,23	0,25	0,24	0,20	0,19	0,16	0,17
1,00	0,36	0,33	0,29	0,28	0,29	0,28	0,24	0,23	0,20	0,20
1,25	0,41	0,38	0,34	0,32	0,33	0,31	0,28	0,27	0,24	0,24
1,50	0,45	0,41	0,38	0,36	0,36	0,34	0,32	0,30	0,27	0,26
2,00	0,51	0,46	0,45	0,41	0,41	0,38	0,37	0,35	0,31	0,30
2,50	0,56	0,49	0,50	0,45	0,45	0,41	0,41	0,38	0,35	0,34
3,00	0,59	0,52	0,54	0,48	0,47	0,43	0,43	0,40	0,38	0,36
4,00	0,63	0,55	0,58	0,51	0,50	0,46	0,47	0,44	0,41	0,39
5,00	0,66	0,57	0,62	0,54	0,53	0,48	0,50	0,46	0,44	0,40

LED LIGHTING

ÇALIŞIRKEN VE DİNLENİRKEN AYDINLATMA ŞARTLARI

Lighting Conditions during Work and Rest

Aşağıda kullanılacak yere göre gereken ampul sayısını bulmak için bir örnek tablo düzenlenmiştir. Hesaplama yapmadan önce bu tablo dikkatle incelenmelidir.

An exemplary table was given below in order to find the number of bulbs to be needed as per the location of their use. This table should be examined carefully before making calculation.

ARMATÜRÜN KULLANILDIĞI YERLER

LOCATIONS WHERE THE LUMINAIRE IS USED

BÜRO

OFFICE

GENİŞLİK / WIDTH	a (m)	8
UZUNLUK / LENGTH	b(m)	10
ALAN / AREA	A=axb(m ²)	80
YÜKSEKLİK / HEIGHT	H(m)	3
ARMATÜRLE ÇALIŞMA YÜZEYİ ARASINDAKİ YÜKSEKLİK HEIGHT BETWEEN THE LUMINAIRE AND THE WORK SURFACE	h=H-0.85 (m)	2.15
ODA İNDEKSİ / ROOM INDEX	$k = \frac{axb}{hx(a+b)}$	$k = \frac{8 \times 10}{2.15 \times (8 + 10)}$
ODA VERİMİ (n) / ROOM EFFICIENCY (n)	Tavan-Duvar-Zemin	0.80-0.50-0.10
GEREKLİ AYDINLATMA ŞİDDETİ / REQUIRED LIGHTING	E(Lux)	300
ARMATÜR TİPİ / LUMINAIRE TYPE		ARN 140
LAMBANIN IŞIK AKISI / LIGHT FLUX OF THE LAMP	Ø (Lümen)	2100
ODA AYDINLATMA VERİMİ ROOM LIGHTING EFFICIENCY		0.46
LAMBA SAYISI	$\frac{1.25 \times E \times A}{\Phi \times n}$	$n = \frac{1.25 \times 300 \times 80}{2100 \times 0.46}$ 31

